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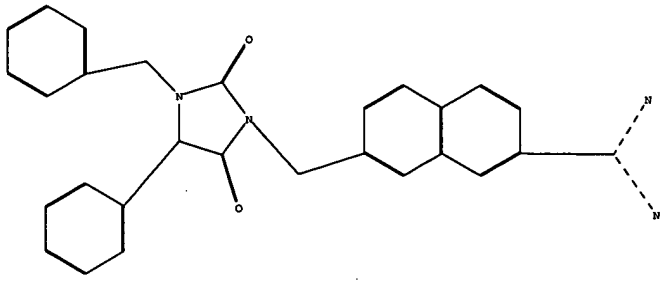
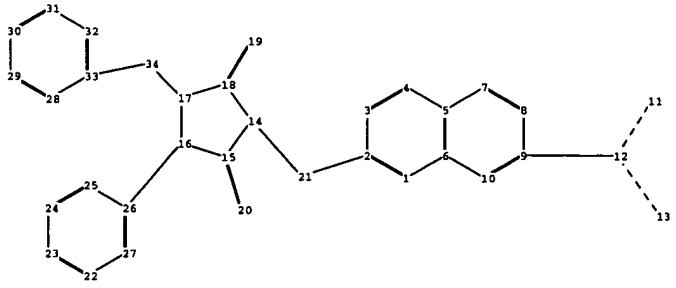
10/668,920

expanding structure searches (a-f)

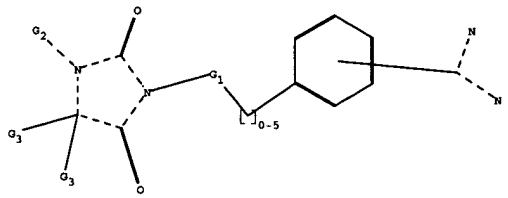


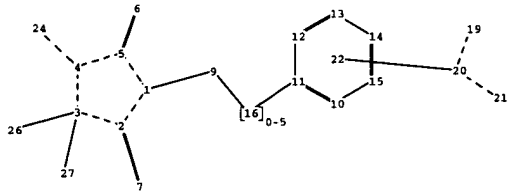


chain nodes :
11 12 13 19 20 21 34
ring nodes :
1 2 3 4 5 6 7 8 9 10 14 15 16 17 18 22 23 24 25 26 27 28 29 30 31
32 33
chain bonds :
2-21 9-12 11-12 12-13 14-21 15-20 16-26 17-34 18-19 33-34
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 14-15 14-18 15-16 16-17 17-18
22-23 22-27 23-24 24-25 25-26 26-27 28-29 28-33 29-30 30-31 31-32 32-33
exact/norm bonds :
11-12 12-13 14-15 14-18 14-21 15-16 15-20 16-17 17-18 17-34 18-19
exact bonds :
2-21 9-12 16-26 33-34
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 22-23 22-27 23-24 24-25 25-26
26-27 28-29 28-33 29-30 30-31 31-32 32-33

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS
12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS
21:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom
31:Atom 32:Atom 33:Atom 34:CLASS

C:\Program Files\Stnexp\Queries\10668920b.str





chain nodes :
6 7 9 16 19 20 21 24 26 27
ring nodes :
1 2 3 4 5 10 11 12 13 14 15
chain bonds :
1-9 2-7 3-26 3-27 4-24 5-6 9-16 11-16 19-20 20-21
ring bonds :
1-2 1-5 2-3 3-4 4-5 10-11 10-15 11-12 12-13 13-14 14-15
exact/norm bonds :
1-2 1-5 1-9 2-3 2-7 3-4 3-26 3-27 4-5 4-24 5-6 9-16 19-20 20-21
exact bonds :
11-16
normalized bonds :
10-11 10-15 11-12 12-13 13-14 14-15

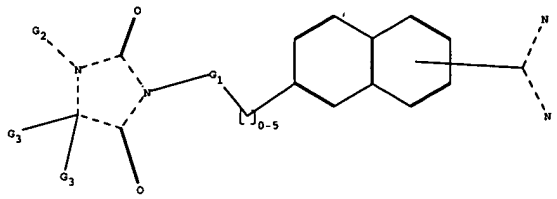
G1:C,O,S

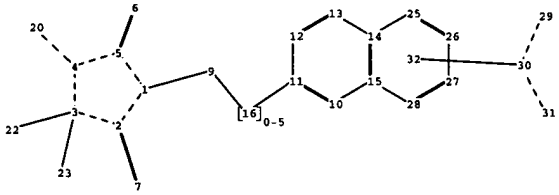
G2:Cy,Ak

G3:H,Cy,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS
24:CLASS 26:CLASS 27:CLASS

C:\Program Files\Stnexp\Queries\10668920c.str





chain nodes :
6 7 9 16 20 22 23 29 30 31
ring nodes :
1 2 3 4 5 10 11 12 13 14 15 25 26 27 28
chain bonds :
1-9 2-7 3-22 3-23 4-20 5-6 9-16 11-16 29-30 30-31
ring bonds :
1-2 1-5 2-3 3-4 4-5 10-11 10-15 11-12 12-13 13-14 14-15 14-25 15-28 25-26
26-27 27-28
exact/norm bonds :
1-2 1-5 1-9 2-3 2-7 3-4 3-22 3-23 4-5 4-20 5-6 9-16 29-30 30-31
exact bonds :
11-16
normalized bonds :
10-11 10-15 11-12 12-13 13-14 14-15 14-25 15-28 25-26 26-27 27-28

G1:C,O,S

G2:Cy,Ak

G3:H,Cy,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 20:CLASS 22:CLASS 23:CLASS 25:CLASS
26:Atom 27:Atom 28:Atom 29:CLASS 30:CLASS 31:CLASS 32:CLASS

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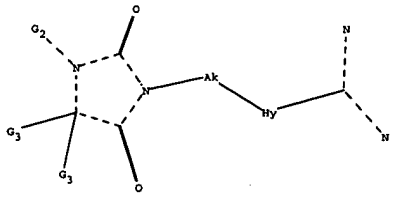
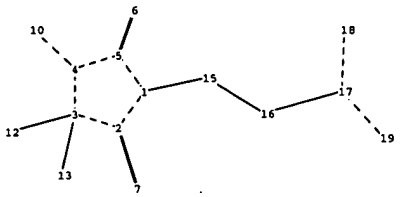




chain nodes :
6 7 10 12 13 15 16 17 18 19
ring nodes :
1 2 3 4 5
chain bonds :
1-15 2-7 3-12 3-13 4-10 5-6 15-16 16-17 17-18 17-19
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-15 2-3 2-7 3-4 3-12 3-13 4-5 4-10 5-6 15-16 16-17 17-18 17-19

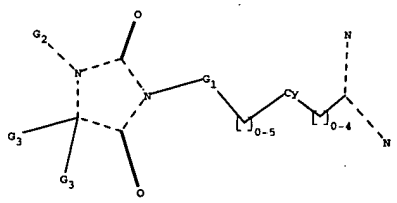
G1:C,O,S

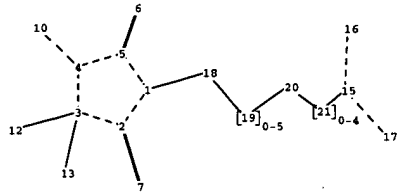
G2:Cy,Ak

G3:H,Cy,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 12:CLASS 13:CLASS
15:CLASS 16:Atom 17:CLASS 18:CLASS 19:CLASS

C:\Program Files\Stnexp\Queries\10668920e.str





chain nodes :
6 7 10 12 13 15 16 17 18 19 20 21
ring nodes :
1 2 3 4 5
chain bonds :
1-18 2-7 3-12 3-13 4-10 5-6 15-17 15-16 15-21 18-19 19-20 20-21
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-18 2-3 2-7 3-4 3-12 3-13 4-5 4-10 5-6 15-17 15-16 18-19 19-20
20-21
exact bonds :
15-21

G1:C,O,S

G2:Cy,Ak

G3:H,Cy,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 12:CLASS 13:CLASS
15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:Atom 21:CLASS

10/668,920 5/24/05

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 19:23:05 ON 24 MAY 2005

USPATFULL

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

txt search

raphthalenecarboxamides + trifluoroacetate(salts)

FILE 'CAPLUS' ENTERED AT 19:23:12 ON 24 MAY 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 24 May 2005 VOL 142 ISS 22
FILE LAST UPDATED: 23 May 2005 (20050523/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> fil uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	0.66

FILE 'USPATFULL' ENTERED AT 19:23:23 ON 24 MAY 2005

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 24 May 2005 (20050524/PD)
FILE LAST UPDATED: 24 May 2005 (20050524/ED)
HIGHEST GRANTED PATENT NUMBER: US6898801
HIGHEST APPLICATION PUBLICATION NUMBER: US2005108799
CA INDEXING IS CURRENT THROUGH 24 May 2005 (20050524/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 24 May 2005 (20050524/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2005

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<

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>>>  USPATFULL and USPAT2 can be accessed and searched together        <<<
>>>  through the new cluster USPATALL.  Type FILE USPATALL to         <<<
>>>  enter this cluster.                                              <<<
>>>                                                                   <<<
>>>  Use USPATALL when searching terms such as patent assignees,      <<<
>>>  classifications, or claims, that may potentially change from     <<<
>>>  the earliest to the latest publication.                          <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.
'BI,IT,ST,CC' IS DEFAULT SEARCH FIELD FOR 'USPATFULL' FILE

=> s naphthalenecarboximidamide and trifluoroacetate
             9 NAPHTHALENECARBOXIMIDAMIDE/BI
             3 NAPHTHALENECARBOXIMIDAMIDE/IT
             3 NAPHTHALENECARBOXIMIDAMIDES/IT
             6 NAPHTHALENECARBOXIMIDAMIDE/IT
                 ((NAPHTHALENECARBOXIMIDAMIDE OR NAPHTHALENECARBOXIMIDAMIDES)/I
                T)
             6 NAPHTHALENECARBOXIMIDAMIDE/ST
             0 NAPHTHALENECARBOXIMIDAMIDE/CC
         13271 TRIFLUOROACETATE/BI
           809 TRIFLUOROACETATES/BI
         13780 TRIFLUOROACETATE/BI
                 ((TRIFLUOROACETATE OR TRIFLUOROACETATES)/BI)
          1340 TRIFLUOROACETATE/IT
            10 TRIFLUOROACETATES/IT
          1344 TRIFLUOROACETATE/IT
                 ((TRIFLUOROACETATE OR TRIFLUOROACETATES)/IT)
            80 TRIFLUOROACETATE/ST
             0 TRIFLUOROACETATE/CC
L1           6 NAPHTHALENECARBOXIMIDAMIDE/BI,IT,ST,CC AND TRIFLUOROACETATE/BI,I
               T,ST,CC

=> d L1 ibib

L1   ANSWER 1 OF 6  USPATFULL on STN
ACCESSION NUMBER:        2004:159269  USPATFULL
TITLE:                   Imidazolidinedione analogs useful as anticoagulants and
                         antihrombotics
INVENTOR(S):             Arnaiz, Damian O., Hercules, CA, UNITED STATES
                         Chou, Yuo-Ling, Lafayette, CA, UNITED STATES
                         Griedel, Brian D., El Cerrito, CA, UNITED STATES
                         Mohan, Raju, Encinitas, CA, UNITED STATES
                         Shaw, Kenneth J., Brookside, NJ, UNITED STATES
PATENT ASSIGNEE(S):      Schering Aktiengesellschaft, Berlin, GERMANY, FEDERAL
                         REPUBLIC OF, D-13342 (U.S. corporation)

                              NUMBER        KIND    DATE
                         ---------------- ------ --------
PATENT INFORMATION:      US 2004122073      A1   20040624
APPLICATION INFO.:       US 2003-668920     A1   20030923  (10)

                                NUMBER         DATE
                         ------------------ --------
PRIORITY INFORMATION:    US 2002-413067P    20020924 (60)
DOCUMENT TYPE:           Utility
FILE SEGMENT:            APPLICATION
LEGAL REPRESENTATIVE:    BERLEX BIOSCIENCES, PATENT DEPARTMENT, 2600 HILLTOP
                         DRIVE, P.O. BOX 4099, RICHMOND, CA, 94804-0099
NUMBER OF CLAIMS:        8
EXEMPLARY CLAIM:         1
LINE COUNT:              1558
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d L1 ibib 2-6

L1 ANSWER 2 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2003:6982 USPATFULL
TITLE: Naphthamidine urokinase inhibitors
INVENTOR(S): Bruncko, Milan, 13317 Heiden Cir., Lake Bluff, IL, United States 60044
McClellan, William J., 1212 N. Sheridan Rd., Waukegan, IL, United States 60085

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6504031	B1	20030107
APPLICATION INFO.:	US 2000-557792		20000425 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1999-236254, filed on 25 Jan 1999, now patented, Pat. No. US 6284796
Continuation-in-part of Ser. No. US 1998-129989, filed on 6 Aug 1998, now patented, Pat. No. US 6258822
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kumar, Shailendra
NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 2920
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L1 ANSWER 3 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2002:332745 USPATFULL
TITLE: Naphthamidine urokinase inhibitors
INVENTOR(S): Bruncko, Milan, Lake Bluff, IL, United States
Dalton, Christopher Robin, Mundelein, IL, United States
Giranda, Vincent Louis, Gurnee, IL, United States
Gong, Jianchun, Gurnee, IL, United States
McClellan, Willian J., Waukegan, IL, United States
Nienaber, Vicki L., Gurnee, IL, United States
Rockway, Todd Warren, Grayslake, IL, United States
Sauer, Daryl Richard, Trevor, WI, United States
Weitzberg, Moshe, Highland Park, IL, United States
PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6495562	B1	20021217
APPLICATION INFO.:	US 2001-842382		20010425 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-199395P	20000425 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Davis, Zinna Northington
LEGAL REPRESENTATIVE: Steele, Gregory W., Donner, B. Gregory
NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 3220
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L1 ANSWER 4 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2001:224157 USPATFULL
TITLE: Urokinase inhibitors
INVENTOR(S): Steele, Andrew W., Novi, MI, United States
McClellan, William J., Waukegan, IL, United States
Rockway, Todd W., Grayslake, IL, United States
Stewart, Kent D., Gurnee, IL, United States
Weitzberg, Moshe, Highland Park, IL, United States
Wendt, Michael D., Vernon Hills, IL, United States
Nienaber, Vicki L., Gurnee, IL, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001049374	A1	20011206
APPLICATION INFO.:	US 2001-850826	A1	20010508 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1998-129989, filed on 6 Aug 1998, GRANTED, Pat. No. US 6258822

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-54982P	19970806 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Steven F. Weinstock, Abbott Laboratories, Department 377/ AP6D-2, 100 Abbott Park Road, Abbott Park, IL, 60064-6050
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1
LINE COUNT: 7946
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L1 ANSWER 5 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2001:148003 USPATFULL
TITLE: Ukokinase inhibitors
INVENTOR(S): Geyer, Andrew G., Chicago, IL, United States
McClellan, William J., Waukegan, IL, United States
Rockway, Todd W., Grayslake, IL, United States
Stewart, Kent D., Gurnee, IL, United States
Weitzberg, Moshe, Highland Park, IL, United States
Wendt, Michael D., Deerfield, IL, United States
PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6284796	B1	20010904
APPLICATION INFO.:	US 1999-236254		19990125 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1998-129989, filed on 6 Aug 1998
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kumar, Shailendra
LEGAL REPRESENTATIVE: Donner, B. Gregory, Steele, Gregory W.
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 1
LINE COUNT: 9202
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L1 ANSWER 6 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2001:107904 USPATFULL
TITLE: Urokinase inhibitors
INVENTOR(S): Geyer, Andrew G., Chicago, IL, United States
McClellan, William J., Waukegan, IL, United States

Rockway, Todd W., Grayslake, IL, United States
Stewart, Kent D., Gurnee, IL, United States
Weitzberg, Moshe, Highland Park, IL, United States
Wendt, Michael D., North Chicago, IL, United States

PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6258822	B1	20010710
APPLICATION INFO.:	US 1998-129989		19980806 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-54982P	19970806 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kumar, Shailendra
LEGAL REPRESENTATIVE: Donner, B. Gregory, Steele, Gregory W.
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
LINE COUNT: 7440
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	14.16	14.82

FILE 'CAPLUS' ENTERED AT 19:26:48 ON 24 MAY 2005
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FILE COVERS 1907 - 24 May 2005 VOL 142 ISS 22
FILE LAST UPDATED: 23 May 2005 (20050523/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s naphthalenecarboximidamide and trifluoroacetate
22 NAPHTHALENECARBOXIMIDAMIDE
4 NAPHTHALENECARBOXIMIDAMIDES
22 NAPHTHALENECARBOXIMIDAMIDE
(NAPHTHALENECARBOXIMIDAMIDE OR NAPHTHALENECARBOXIMIDAMIDES)
8250 TRIFLUOROACETATE
805 TRIFLUOROACETATES
8611 TRIFLUOROACETATE
(TRIFLUOROACETATE OR TRIFLUOROACETATES)

L2 3 NAPHTHALENECARBOXIMIDAMIDE AND TRIFLUOROACETATE

=> d L2 1-3 ibib

L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:960658 CAPLUS
DOCUMENT NUMBER: 138:24650
TITLE: Preparation of (isoquinolinylcyclopropyl)naphthamidine urokinase inhibitors
INVENTOR(S): Bruncko, Milan; Dalton, Christopher Robin; Giranda, Vincent Louis; Gong, Jianchun; McClellan, Willian J.; Nienaber, Vicki L.; Rockway, Todd Warren; Sauer, Daryl Richard; Weitzberg, Moshe
PATENT ASSIGNEE(S): Abbott Laboratories, USA
SOURCE: U.S., 36 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 6495562	B1	20021217	US 2001-842382		20010425
PRIORITY APPLN. INFO.:			US 2000-199395P	P	20000425

OTHER SOURCE(S): MARPAT 138:24650
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:645690 CAPLUS
DOCUMENT NUMBER: 135:210841
TITLE: Preparation of **naphthalenecarboximidamides** as urokinase inhibitors
INVENTOR(S): Geyer, Andrew G.; McClellan, William J.; Rockway, Todd W.; Stewart, Kent D.; Weitzberg, Moshe; Wendt, Michael D.
PATENT ASSIGNEE(S): Abbott Laboratories, USA
SOURCE: U.S., 91 pp., Cont.-in-part of U.S. 6,258,822.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 6284796	B1	20010904	US 1999-236254		19990125
US 6258822	B1	20010710	US 1998-129989		19980806
US 6504031	B1	20030107	US 2000-557792		20000425
PRIORITY APPLN. INFO.:			US 1998-129989	A2	19980806
			US 1997-54982P	P	19970806
			US 1999-236254	A2	19990125

OTHER SOURCE(S): MARPAT 135:210841
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1999:96205 CAPLUS
DOCUMENT NUMBER: 130:153476
TITLE: Preparation of **naphthalenecarboximidamides** as urokinase inhibitors
INVENTOR(S): Geyer, Andrew G.; McClellan, William J.; Rockway, Todd

W.; Stewart, Kent D.; Weitzberg, Moshe; Wendt, Michael D.

PATENT ASSIGNEE(S): Abbott Laboratories, USA

SOURCE: PCT Int. Appl., 227 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9905096	A2	19990204	WO 1998-US15386	19980724
WO 9905096	A3	19990603		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
ZA 9806594	A	19990127	ZA 1998-6594	19980723
CA 2294300	AA	19990204	CA 1998-2294300	19980724
AU 9885874	A1	19990216	AU 1998-85874	19980724
EP 1000018	A2	20000517	EP 1998-937082	19980724
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
JP 2002512636	T2	20020423	JP 1999-510121	19980724
BR 9811099	A	20020514	BR 1998-11099	19980724
BG 103981	A	20001130	BG 1999-103981	19991210
MX 9911868	A	20000531	MX 1999-11868	19991216
NO 9906578	A	20000125	NO 1999-6578	19991230
PRIORITY APPLN. INFO.:			US 1997-901040 A	19970725
			WO 1998-US15386 W	19980724

OTHER SOURCE(S): MARPAT 130:153476

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.98	22.80

STN INTERNATIONAL LOGOFF AT 19:28:04 ON 24 MAY 2005

5/24/05 10/668,920

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:54:59 ON 24 MAY 2005

1) search structures in US2002/0168700 A1 (6,773,896)

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

2) search family (salts) of RN 875090-18-7

FILE 'CAPLUS' ENTERED AT 18:55:14 ON 24 MAY 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 24 May 2005 VOL 142 ISS 22
FILE LAST UPDATED: 23 May 2005 (20050523/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s pd313049/cn
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L2 0 L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	6.14

FILE 'CAPLUS' ENTERED AT 18:55:46 ON 24 MAY 2005
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FILE COVERS 1907 - 24 May 2005 VOL 142 ISS 22
FILE LAST UPDATED: 23 May 2005 (20050523/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s "pd 313049"
        175994 "PD"
          2126 "PDS"
        177747 "PD"
                 ("PD" OR "PDS")
             2 "313049"
L3           1 "PD 313049"
                 ("PD"(W)"313049")

=> d L3

L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2005 ACS on STN
AN   2002:869482  CAPLUS
DN   137:365551
TI   Direct measurement of coagulation factor VIIa activity in plasma and
     application to screening of Factor VIIa inhibitors
IN   Chi, Liguo; Leadley, Robert Joseph, Jr.; Peng, Yun-Wen
PA   USA
SO   U.S. Pat. Appl. Publ., 14 pp.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     ----------------    ----   --------    --------------------    --------
PI   US 2002168700        A1    20021114    US 2002-141396          20020508
     US 6773896           B2    20040810
     EP 1260817           A2    20021127    EP 2002-9326            20020502
     EP 1260817           A3    20021218
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     CA 2385212           AA    20021108    CA 2002-2385212         20020506
     JP 2002360297        A2    20021217    JP 2002-131432          20020507
PRAI US 2001-289539P      P     20010508
RE.CNT  40    THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> s us20020168700/pn
L4           1 US20020168700/PN
                 (US2002168700/PN)

=> d

L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2005 ACS on STN
AN   2002:869482  CAPLUS
DN   137:365551
TI   Direct measurement of coagulation factor VIIa activity in plasma and
     application to screening of Factor VIIa inhibitors
IN   Chi, Liguo; Leadley, Robert Joseph, Jr.; Peng, Yun-Wen
PA   USA
```

SO U.S. Pat. Appl. Publ., 14 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	US 2002168700	A1	20021114	US 2002-141396	20020508	<--
	US 6773896	B2	20040810			
	EP 1260817	A2	20021127	EP 2002-9326	20020502	
	EP 1260817	A3	20021218			
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
	CA 2385212	AA	20021108	CA 2002-2385212	20020506	
	JP 2002360297	A2	20021217	JP 2002-131432	20020507	
PRAI	US 2001-289539P	P	20010508			

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> select L4 1 rn
E1 THROUGH E10 ASSIGNED

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.30	15.44

FILE 'REGISTRY' ENTERED AT 18:57:45 ON 24 MAY 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAY 2005 HIGHEST RN 850992-92-6
DICTIONARY FILE UPDATES: 23 MAY 2005 HIGHEST RN 850992-92-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************
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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> s e1-e10

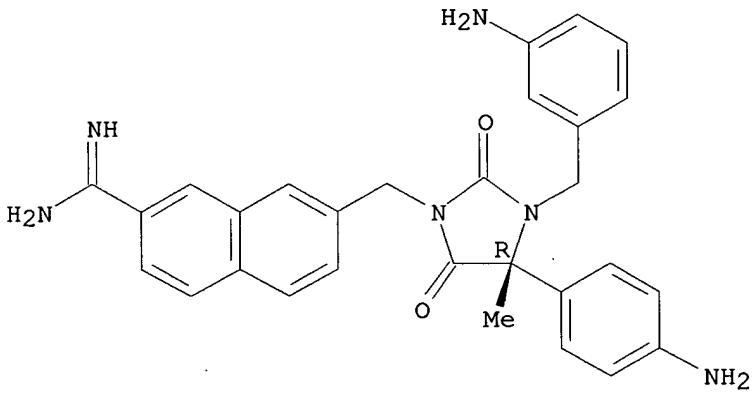
1 65312-43-8/BI
(65312-43-8/RN)
1 100-01-6/BI
(100-01-6/RN)
1 10043-52-4/BI
(10043-52-4/RN)
1 183305-24-0/BI
(183305-24-0/RN)
1 184770-78-3/BI
(184770-78-3/RN)
1 475090-17-6/BI
(475090-17-6/RN)
1 475090-18-7/BI
(475090-18-7/RN)
1 75-05-8/BI
(75-05-8/RN)
1 77-86-1/BI
(77-86-1/RN)
1 9035-58-9/BI
(9035-58-9/RN)

L5 10 (65312-43-8/BI OR 100-01-6/BI OR 10043-52-4/BI OR 183305-24-0/BI OR 184770-78-3/BI OR 475090-17-6/BI OR 475090-18-7/BI OR 75-05-8/BI OR 77-86-1/BI OR 9035-58-9/BI)

=> d L5 1-10

L5 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **475090-18-7** REGISTRY
ED Entered STN: 04 Dec 2002
CN 2-Naphthalenecarboximidamide, 7-[[(4R)-4-(4-aminophenyl)-3-[(3-aminophenyl)methyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN PD 313049
FS STEREOSEARCH
MF C29 H28 N6 O2
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

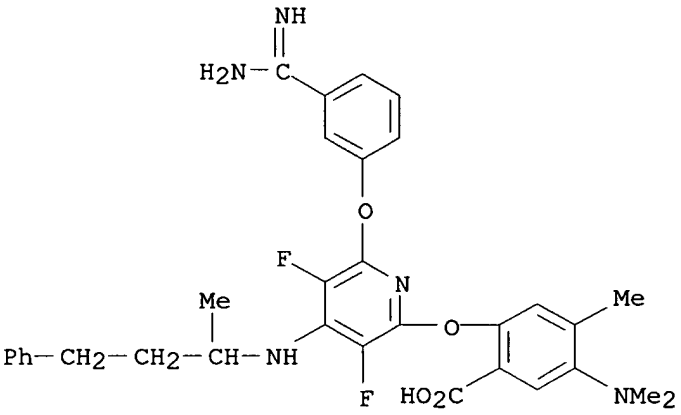
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **475090-17-6** REGISTRY
ED Entered STN: 04 Dec 2002
CN Benzoic acid, 2-[[6-[3-(aminoiminomethyl)phenoxy]-3,5-difluoro-4-[(1-methyl-3-phenylpropyl)amino]-2-pyridinyl]oxy]-5-(dimethylamino)-4-methyl- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN PD 254751
FS 3D CONCORD
MF C32 H33 F2 N5 O4
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

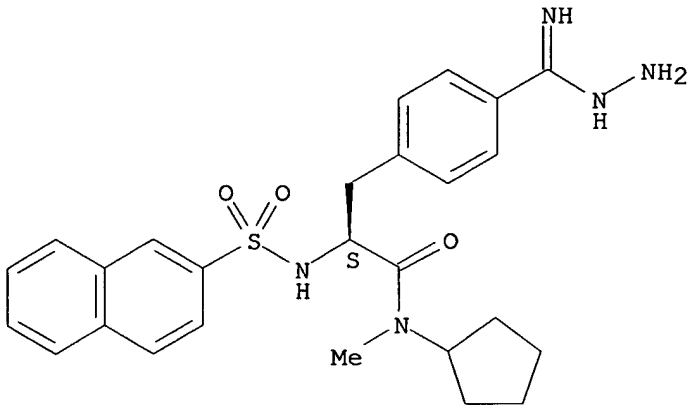


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **184770-78-3** REGISTRY
ED Entered STN: 08 Jan 1997
CN Benzenecarboximidic acid, 4-[(2S)-3-(cyclopentylmethylamino)-2-[(2-naphthalenylsulfonyl)amino]-3-oxopropyl]-, hydrazide (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzenecarboximidic acid, 4-[3-(cyclopentylmethylamino)-2-[(2-naphthalenylsulfonyl)amino]-3-oxopropyl]-, hydrazide, (S)-
OTHER NAMES:
CN CI 1028
CN LB 30057
CN PD 172524
FS STEREOSEARCH
MF C26 H31 N5 O3 S
CI COM
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, IMSDRUGNEWS, IMSRESEARCH, IPA, PROUSDDR, SYNTHLINE, USPAT2, USPATFULL

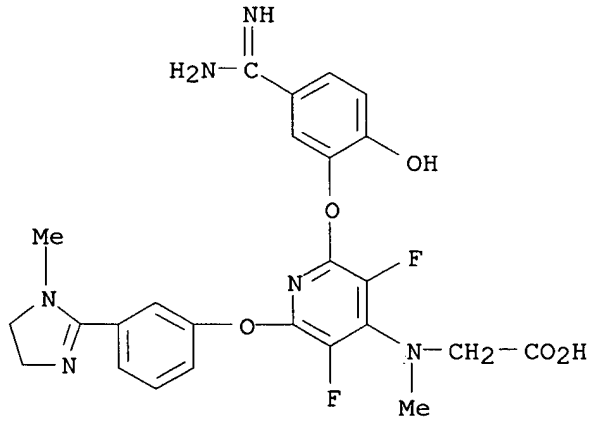
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

19 REFERENCES IN FILE CA (1907 TO DATE)
19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **183305-24-0** REGISTRY
ED Entered STN: 22 Nov 1996
CN Glycine, N-[2-[5-(aminoiminomethyl)-2-hydroxyphenoxy]-6-[3-(4,5-dihydro-1-methyl-1H-imidazol-2-yl)phenoxy]-3,5-difluoro-4-pyridinyl]-N-methyl- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN CI 1031
CN Fidexaban
CN ZK 807834
FS 3D CONCORD
MF C25 H24 F2 N6 O5
CI COM
SR CA
LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, EMBASE, IMSDRUGNEWS, IMSRESEARCH, IPA, PHAR, PROUSDDR, SYNTHLINE, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

21 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
21 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 5 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **65312-43-8** REGISTRY
ED Entered STN: 16 Nov 1984
CN Blood-coagulation factor VIIa (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Activated blood coagulation factor VII
CN Blood-coagulation factor VII, activated
CN Coagulation factor VIIa
CN E.C. 3.4.21.21
CN Factor VIIa
MF Unspecified
CI MAN
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB, CHEMCATS, CIN, DIOGENES, IPA, PROMT, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1419 REFERENCES IN FILE CA (1907 TO DATE)
194 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1423 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 6 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **10043-52-4** REGISTRY
ED Entered STN: 16 Nov 1984
CN Calcium chloride (CaCl2) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Calcium chloride (8CI)
OTHER NAMES:
CN Bovikalc
CN Calcium dichloride
CN Calcium(2+) chloride
CN Calcosan
CN Calmate R
CN Calol
CN CalPlus
CN Calzina oral
CN Chrysoxel C 4
CN Daraccel
CN Dowflake
CN Intergravin-orales
CN Liquidow
CN Peladow
CN Stopit
CN U-Ramin MC
DR 139468-93-2
MF Ca Cl2
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Cl— Ca— Cl

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

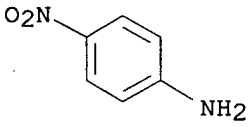
38763 REFERENCES IN FILE CA (1907 TO DATE)
278 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
38802 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 7 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **9035-58-9** REGISTRY
ED Entered STN: 16 Nov 1984
CN Blood-coagulation factor III (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cephaloplastin
CN Coagulin
CN Coagulin (enzyme)
CN Excel
CN Excel S
CN Fibrolet
CN IL-PT HS
CN Neoplastin
CN Procoagulant tissue factor
CN Thrombokinin
CN Thromboplastin
CN Thromboplastin C
CN Thromboplastin FS
CN Thromborel
CN Tissue factor (blood-coagulation)
CN Tissue thromboplastin
CN Trombostop
CN Zymoplastic substance
DR 9023-20-5
MF Unspecified
CI COM, MAN
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CHEMCATS, CHEMLIST, CIN, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, PROMT, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
3664 REFERENCES IN FILE CA (1907 TO DATE)
193 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3672 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 8 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **100-01-6** REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzenamine, 4-nitro- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Aniline, p-nitro- (8CI)
OTHER NAMES:
CN 1-Amino-4-nitrobenzene
CN 4-Amino-1-nitrobenzene
CN 4-Aminonitrobenzene
CN 4-Nitro-1-aminobenzene
CN 4-Nitroaniline

CN 4-Nitrobenzenamine
CN 4-Nitrophenylamine
CN Azoamine Red Zh
CN C.I. 37035
CN C.I. Azoic Diazo Component 37
CN C.I. Developer 17
CN Developer P
CN Devol Red GG
CN Fast Red 2G Base
CN Fast Red Base 2J
CN Fast Red Base GG
CN Fast Red GG Base
CN Fast Red MP Base
CN Fast Red P Base
CN Naphtoelan Red GG Base
CN Nitrazol CF extra
CN NSC 9797
CN p-Aminonitrobenzene
CN p-Nitraniline
CN p-Nitroaniline
CN p-Nitrophenylamine
CN PNA
CN Red 2G Base
CN Shinnippon Fast Red GG Base
FS 3D CONCORD
MF C6 H6 N2 O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DETHERM*, DIPPR*, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NIOSHTIC, PDLCOM*, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

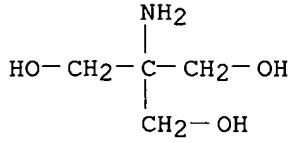


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

9873 REFERENCES IN FILE CA (1907 TO DATE)
236 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
9885 REFERENCES IN FILE CAPLUS (1907 TO DATE)
7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **77-86-1** REGISTRY
ED Entered STN: 16 Nov 1984
CN 1,3-Propanediol, 2-amino-2-(hydroxymethyl)- (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2-Amino-1,3-dihydroxy-2-(hydroxymethyl)propane
CN 2-Amino-2-(hydroxymethyl)propane-1,3-diol
CN 2-Amino-2-hydroxymethylpropan-1,3-diol
CN 2-Amino-2-methylol-1,3-propanediol
CN Addex-Tham
CN Aminotri(hydroxymethyl)methane

CN Aminotrimethylolmethane
CN Aminotris(hydroxymethyl)methane
CN Methanamine, 1,1,1-tris(hydroxymethyl)-
CN NSC 103026
CN NSC 6365
CN NSC 65434
CN Pehanorm
CN Sarkosyl
CN Talatrol
CN TAM
CN TAM (buffering agent)
CN THAM
CN Tri Amino
CN Tri(hydroxymethyl)methylamine
CN Trigmo base
CN Triladyl
CN Trimethylolaminomethane
CN Tris
CN Tris (buffering agent)
CN Tris Amino
CN Tris Amino Crystal
CN Tris buffer
CN Tris(hydroxymethyl)aminomethane
CN Tris(hydroxymethyl)methanamine
CN Tris(hydroxymethyl)methylamine
CN Tris(methylolamino)methane
CN Tris-steril
CN Trisamin
CN Trisamine
CN Trisaminol
CN Trispuffer
CN Trizma
CN Trometamol
CN Trometamole
CN Tromethamine
CN Tromethane
CN Tromethanmin
CN Tutofusin tris
FS 3D CONCORD
DR 25149-07-9, 119320-15-9, 68755-45-3, 83147-39-1, 108195-86-4
MF C4 H11 N O3
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PATDPASPC, PIRA, PROMT, PS, RTECS*, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5290 REFERENCES IN FILE CA (1907 TO DATE)
351 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
5296 REFERENCES IN FILE CAPLUS (1907 TO DATE)
71 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2005 ACS on STN
RN **75-05-8** REGISTRY
ED Entered STN: 16 Nov 1984
CN Acetonitrile (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Acetonitrile cluster
CN Cyanomethane
CN Ethanenitrile
CN Ethyl nitrile
CN Methane, cyano-
CN Methanecarbonitrile
CN Methyl cyanide
CN Methyl cyanide (MeCN)
CN NSC 7593
FS 3D CONCORD
DR 54841-72-4
MF C2 H3 N
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

33258 REFERENCES IN FILE CA (1907 TO DATE)
777 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
33318 REFERENCES IN FILE CAPLUS (1907 TO DATE)
10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	19.26	34.70

FILE 'REGISTRY' ENTERED AT 18:59:04 ON 24 MAY 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAY 2005 HIGHEST RN 850992-92-6

DICTIONARY FILE UPDATES: 23 MAY 2005 HIGHEST RN 850992-92-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
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*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> STR 475090-18-7

:END

L6 STRUCTURE CREATED

=> S L6 FAM SAM

SAMPLE SEARCH INITIATED 18:59:08 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:	ONLINE	**COMPLETE**
	BATCH	**COMPLETE**
PROJECTED ITERATIONS:	7 TO	298
PROJECTED ANSWERS:	0 TO	0

L7 0 SEA FAM SAM L6

=>

=>
NO ANSWERS WERE FOUND

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.43	35.13

FILE 'REGISTRY' ENTERED AT 18:59:33 ON 24 MAY 2005

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAY 2005 HIGHEST RN 850992-92-6
DICTIONARY FILE UPDATES: 23 MAY 2005 HIGHEST RN 850992-92-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
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*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

```
=> S 475090-18-7/RN

L8            1 475090-18-7/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L8 RN CCN 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 1.84 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L8   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   475090-18-7  REGISTRY
CN   2-Naphthalenecarboximidamide, 7-[[(4R)-4-(4-aminophenyl)-3-[(3-
     aminophenyl)methyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]- (9CI)
     (CA INDEX NAME)
OTHER NAMES:
CN   PD 313049


=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF  FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=>  FILE REG

COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
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                                                    ENTRY     SESSION
FULL ESTIMATED COST                                  2.70      37.83

FILE 'REGISTRY' ENTERED AT 19:00:48 ON 24 MAY 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   23 MAY 2005  HIGHEST RN 850992-92-6
DICTIONARY FILE UPDATES:  23 MAY 2005  HIGHEST RN 850992-92-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> STR 475090-18-7

:END

L9   STRUCTURE CREATED

=> S L9 FAM FUL

FULL SEARCH INITIATED 19:00:52 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    137 TO ITERATE

100.0% PROCESSED     137 ITERATIONS                          3 ANSWERS
SEARCH TIME: 00.00.01

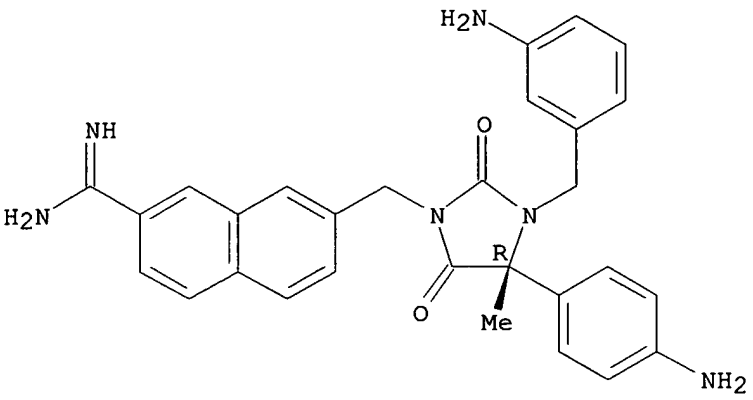
L10           3 SEA FAM FUL L9

=>

=>  D SCAN


L10  3 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   2-Naphthalenecarboximidamide, 7-[[(4R)-4-(4-aminophenyl)-3-[(3-
     aminophenyl)methyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]- (9CI)
MF   C29 H28 N6 O2
```

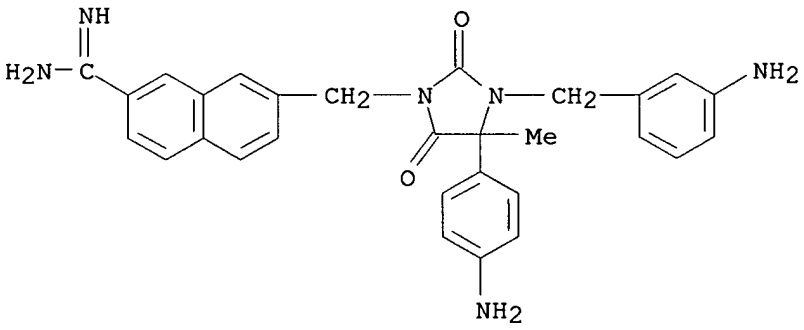
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

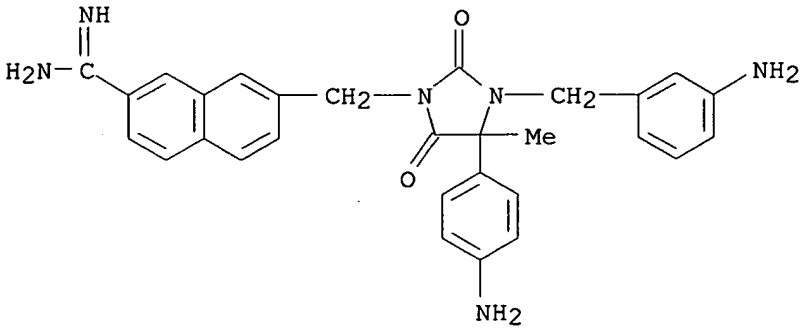
L10 3 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Naphthalenecarboximidamide, 7-[[4-(4-aminophenyl)-3-[(3-aminophenyl)methyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]- (9CI)
MF C29 H28 N6 O2
CI COM



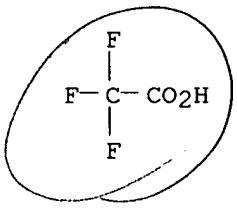
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 3 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Naphthalenecarboximidamide, 7-[[4-(4-aminophenyl)-3-[(3-aminophenyl)methyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI)
MF C29 H28 N6 O2 . C2 H F3 O2

CM 1



CM 2



tri fluoroacetate salt

ALL ANSWERS HAVE BEEN SCANNED

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	65.25	103.08

FILE 'CAPLUS' ENTERED AT 19:03:36 ON 24 MAY 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 24 May 2005 VOL 142 ISS 22
FILE LAST UPDATED: 23 May 2005 (20050523/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 4-aminophenyl(s)imidazolidin?
5106122 4
20235 AMINOPHENYL
7 AMINOPHENYLS

```
        20240 AMINOPHENYL
              (AMINOPHENYL OR AMINOPHENYLS)
         6077 4-AMINOPHENYL
              (4(W)AMINOPHENYL)
        10884 IMIDAZOLIDIN?
L11        15 4-AMINOPHENYL(S)IMIDAZOLIDIN?

=> d L11 ibib

L11  ANSWER 1 OF 15  CAPLUS  COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER:        2004:1154680  CAPLUS
DOCUMENT NUMBER:         142:93814
TITLE:                   Preparation of (indazolylphenyl),
                         (benzisoxazolylphenyl), (benzisothiazolylphenyl) ureas
                         and related compounds as protein tyrosine kinase
                         inhibitors for treatment of cancer
INVENTOR(S):             Dai, Yujia; Davidsen, Steven K.; Ericsson, Anna M.;
                         Hartandi, Kresna; Ji, Zhiqin; Michaelides, Michael R.
PATENT ASSIGNEE(S):      Abbott Laboratories, USA
SOURCE:                  PCT Int. Appl., 224 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  2
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
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     WO 2004113304         A1    20041229    WO 2004-US16166          20040521
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
             SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
             SN, TD, TG
     US 2004235892         A1    20041125    US 2003-443254           20030522
     US 2005020603         A1    20050127    US 2004-842292           20040510
PRIORITY APPLN. INFO.:                       US 2003-443254       A   20030522
                                             US 2004-842292       A   20040510
                                             US 2003-472810P      P   20030522
OTHER SOURCE(S):         MARPAT 142:93814
REFERENCE COUNT:         9     THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d L11 ibib abs 1-15

L11  ANSWER 1 OF 15  CAPLUS  COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER:        2004:1154680  CAPLUS
DOCUMENT NUMBER:         142:93814
TITLE:                   Preparation of (indazolylphenyl),
                         (benzisoxazolylphenyl), (benzisothiazolylphenyl) ureas
                         and related compounds as protein tyrosine kinase
                         inhibitors for treatment of cancer
INVENTOR(S):             Dai, Yujia; Davidsen, Steven K.; Ericsson, Anna M.;
                         Hartandi, Kresna; Ji, Zhiqin; Michaelides, Michael R.
PATENT ASSIGNEE(S):      Abbott Laboratories, USA
SOURCE:                  PCT Int. Appl., 224 pp.
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CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004113304	A1	20041229	WO 2004-US16166	20040521
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004235892	A1	20041125	US 2003-443254	20030522
US 2005020603	A1	20050127	US 2004-842292	20040510
PRIORITY APPLN. INFO.:			US 2003-443254 A	20030522
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OTHER SOURCE(S): MARPAT 142:93814
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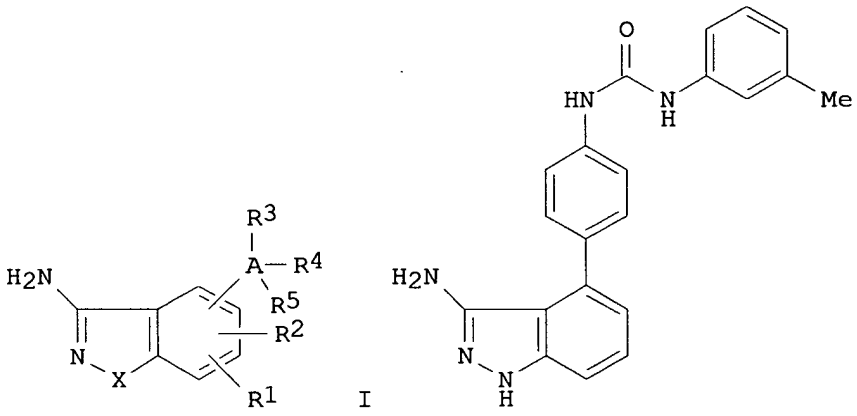


I II

AB The present invention also discloses methods of making the compds., compns. containing the compds., and methods of treatment using the compds. Title compds. I [wherein A = Ph or Ph fused to a 5- or 6-membered ring containing 1-2 N atoms; X = O, NR9, S; R1, R2 = independently H, alkoxy(alkoxy), alkoxyalkyl, aryloxy(alkyl), halo(alkoxy), haloalkyl, heterocyclylalkenyl, heterocyclylalkoxy, heterocyclyl(oxy)alkyl, hydroxy(alkoxy), hydroxyalkyl, (un)substituted aminoalkoxy, , aminoalkenyl, aminoalkyl, carbamoylalkenyl, carbamoylalkyl; R3-R5 = independently H, alkoxy, alkyl, halo(alkoxy), haloalkyl, LR6; with the proviso that at least 2 of R3-R5 ≠ LR6; L = (CH2)mNR7CONR8(CH2)n, CH2CONR7; R6 = (hetero)aryl; R7, R8 = independently H, alkyl; R9 = H, alkenyl, (alkoxy)alkyl, heterocyclylalkyl, hydroxyalkyl, (un)substituted aminoalkyl; m, n = independently 0, 1; and therapeutically acceptable salts thereof] were prepared as protein tyrosine kinase inhibitors. For

example, the (indazolylphenyl)urea II was synthesized in three steps starting from 2-fluoro-6-iodobenzonitrile, hydrazine hydrate, 4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)aniline, and 1-isocyanato-3-methylbenzene. Compds. of the invention inhibited human KDR with IC50 values ranging between about 0.003μM and about 40 μM. Thus, I and their pharmaceutical compns. are useful in the treatment of KDR mediated diseases, such as cancer (no data).

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:1019784 CAPLUS

DOCUMENT NUMBER: 142:6528

TITLE: Preparation of (indazolylphenyl) and (benzisoxazolylphenyl) ureas and related compounds as protein tyrosine kinase inhibitors for treatment of cancer

INVENTOR(S): Dai, Yujia; Davidsen, Steven K.; Ericsson, Anna M.; Hartandi, Kresna; Ji, Zhiqin; Michaelides, Michael R.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 49 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004235892	A1	20041125	US 2003-443254	20030522
WO 2004113304	A1	20041229	WO 2004-US16166	20040521

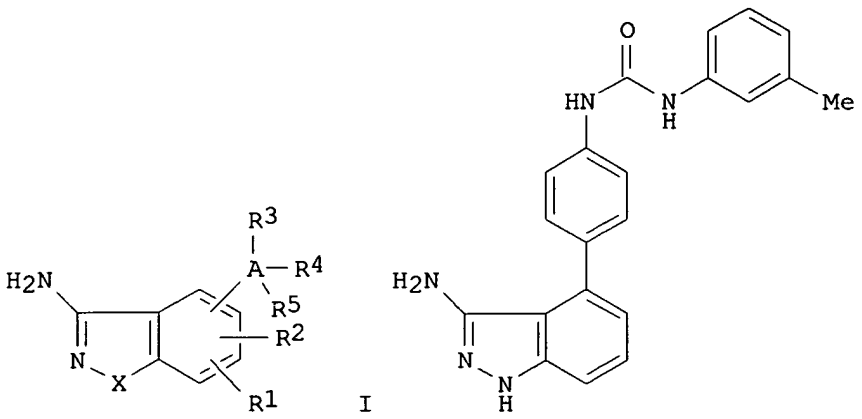
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-443254 A 20030522
US 2004-842292 A 20040510

OTHER SOURCE(S): MARPAT 142:6528

GI



I II

AB Title compds. I [wherein A = Ph or Ph fused to a 5- or 6-membered ring containing 1-2 N atoms; X = O, NR 9; R1, R2 = independently H, alkoxy(alkoxy), alkoxyalkyl, aryloxy(alkyl), halo(alkoxy), haloalkyl, heterocyclylalkenyl, heterocyclylalkoxy, heterocyclyl(oxy)alkyl, hydroxy(alkoxy), hydroxyalkyl, (un)substituted aminoalkoxy, , aminoalkenyl, aminoalkyl, carbamoylalkenyl, carbamoylalkyl; R3-R5 = independently H, alkoxy, alkyl, halo(alkoxy), haloalkyl, LR6; with the proviso that at least 2 of R3-R5 ≠ LR6; L = (CH2)mNR7CONR8(CH2)n, CH2CONR7; R6 = (hetero)aryl; R7, R8 = independently H, alkyl; R9 = H, alkenyl, (alkoxy)alkyl, heterocyclylalkyl, hydroxyalkyl, (un)substituted aminoalkyl; m, n = independently 0, 1; and therapeutically acceptable salts thereof] were prepared as protein tyrosine kinase inhibitors. For example, the (indazolylphenyl)urea II was synthesized in three steps starting from 2-fluoro-6-iodobenzonitrile, hydrazine hydrate, 4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)aniline, and 1-isocyanato-3-methylbenzene. Compds. of the invention inhibited human KDR with IC50 values ranging between about 0.003μM and about 40 μM. Thus, I and their pharmaceutical compns. are useful in the treatment of KDR mediated diseases, such as cancer (no data).

L11 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:1016039 CAPLUS
DOCUMENT NUMBER: 142:6516
TITLE: Preparation of 2-thiooxazolidones and related compounds for the treatment of thromboembolic illnesses
INVENTOR(S): Gerdes, Christoph; Perzborn, Elisabeth; Pohlmann, Jens; Roehrig, Susanne; Straub, Alexander; Thomas, Christian R.; Tuch, Arounarith; Schlemmer, Karl-Heinz
PATENT ASSIGNEE(S): Bayer Healthcare A.-G., Germany
SOURCE: PCT Int. Appl., 78 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004101557	A1	20041125	WO 2004-EP4836	20040506

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10322469 A1 20041216 DE 2003-10322469 20030519
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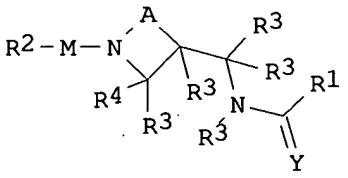

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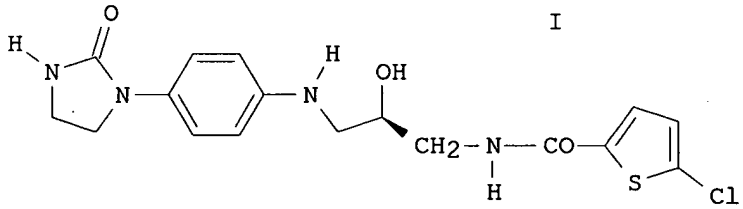
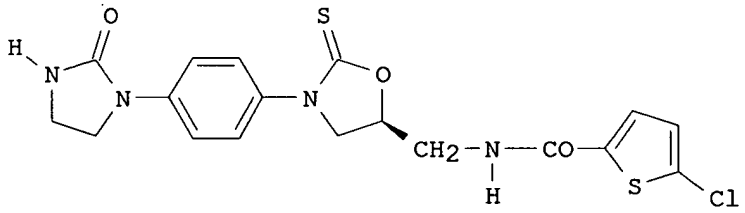


II



III

AB Title compds. I [A = S(O)O, S(O2)O, S(O)NR5, etc.; M = (un)substituted aryl, pyridyl, pyrimidyl, etc.; R1 = (un)substituted aryl, heteroaryl, heterocyclyl, etc.; R2 = (un)substituted aryl, pyridyl, pyrimidyl, etc.; R3 = H, alkyl; R4 = H, (un)substituted alkoxycarbonyl, alkylaminocarbonyl, etc.; R5 = H, alkyl; Y = O, S] and their pharmaceutically acceptable salts and formulations were prepared For example, N,N'-thiocarbonyldiimidazole mediated cyclization of aminoalc. II, e.g., prepared from 1-(**4-aminophenyl**)**imidazolidin**-2-one and 5-chloro-N-((2S)-2-oxiranylmethyl)-2-thiophencarboxamide, afforded thiooxazolidone III in 22% yield. Compds. I are claimed useful for the treatment of thromboembolic illnesses.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:335080 CAPLUS
DOCUMENT NUMBER: 138:337982
TITLE: Preparation of 2-carboxamidopyrroles as tyrosine kinase inhibitors
INVENTOR(S): Trotter, B. Wesley
PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 92 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003035619	A1	20030501	WO 2002-US33962	20021023
WO 2003035619	C1	20030703		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-343000P P 20011025

OTHER SOURCE(S): MARPAT 138:337982

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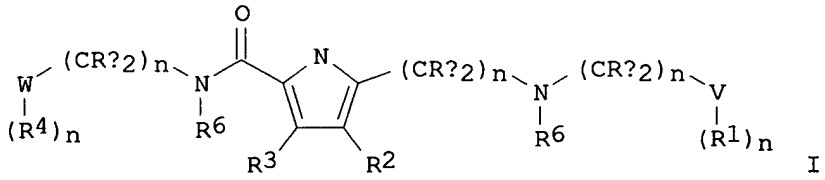

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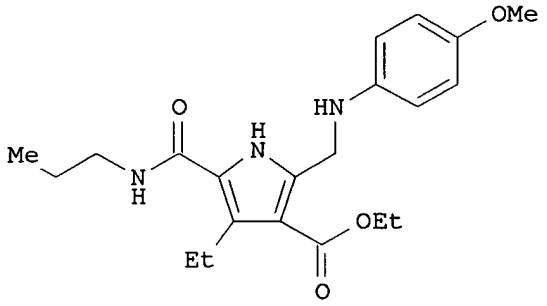


II

AB Title compds. I [wherein V = (cyclo)alkyl, aryl, heterocyclyl, or CO; W = a bond, cycloalkyl, aryl, or heterocyclyl; Ra and Rb = independently H, OR7, or (un)substituted alkyl, aryl, or heterocyclyl; R1 = independently H, halo, OR7, COR7, CO2R7, CON(R7)2, N(R7)2, SO2N(R5)2, or (un)substituted (cyclo)alkyl, aryl, or heterocyclyl; R2 = CO2R7, (CRb2)N(R7)2, (CRb2)nOR7, CON(R7)2, CONR7OR7, CONH(CRb2)qR7, CONR7NHCOR7, CONR7SO2OR7, CONH(CRb2)qCON(R7)2, or (un)substituted alkyl or aryl; R3 = H or (un)substituted alkyl, aralkyl, aryl, or heterocyclyl(alkyl); R4 = H, halo, OR7, COR7, CO2R7, CON(R7)2, N(R7)2, SO2N(R5)2, or (un)substituted (cyclo)alkyl, aryl, or heterocyclyl; R5 = independently H, or (un)substituted alkyl, aryl, or heterocyclyl; R6 = independently H, OR7, or (un)substituted alkyl, aralkyl, aryl, or heterocyclyl(alkyl); R7 = independently H or (un)substituted alkyl, aralkyl, aryl, or heterocyclyl(alkyl); n = independently 0-6; q = 0-5; or pharmaceutically acceptable salts or stereoisomers thereof] were prepared for inhibiting, modulating, and/or regulating signal transduction of both receptor type and non-receptor type tyrosine kinases. For example, N-[[5-(tert-

butoxycarbonyl)-3-(ethoxycarbonyl)-4-ethyl-1H-pyrrol-2-yl]methyl]-4-methoxybenzenaminium trifluoroacetate was converted to the acid using TFA (no data), and the product amidated with propylamine to give II•TFA. Compds. of the invention inhibited insulin-like growth factor I (IGF-1R) or insulin receptor (IR) kinase activity with IC50 ≤ 100 μM. Thus, I are useful for the treatment of protein kinase related disorders, such as cancer, diabetes, autoimmune disorders, hyperproliferation disorders, aging, acromegaly, and Crohn's disease (no data).

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:319488 CAPLUS

DOCUMENT NUMBER: 138:337988

TITLE: Novel 2-[(iminomethyl)amino]phenyl derivatives useful as inhibitors of NO synthase and lipid peroxidation, their preparation, their application as medicines, and pharmaceutical compositions containing them

INVENTOR(S): Chabrier De Lassauniere, Pierre Etienne; Auvin, Serge; Bigg, Dennis; Auguet, Michel; Harnett, Jeremiah

PATENT ASSIGNEE(S): Societe de Conseils de Recherches et D'Applications scientifiques (S.C.R.A.S.), Fr.

SOURCE: U.S. Pat. Appl. Publ., 78 pp., Cont.-in-part of U.S. Ser. No. 882,264.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

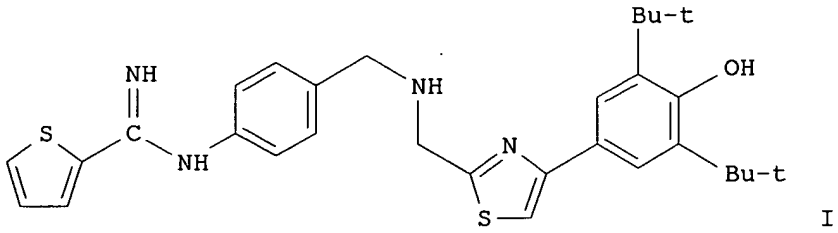
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003078420	A1	20030424	US 2002-191950	20020709
US 6809088	B2	20041026		
FR 2761066	A1	19980925	FR 1997-3528	19970324
FR 2761066	B1	20001124		
FR 2764889	A1	19981224	FR 1997-7701	19970620
FR 2764889	B1	20000901		
WO 9842696	A1	19981001	WO 1998-FR288	19980216
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
WO 9858934	A1	19981230	WO 1998-FR1250	19980615
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6335445	B1	20020101	US 1999-456205	19991207
US 2002007062	A1	20020117	US 2001-882264	20010615
US 6630461	B2	20031007		
US 2005043397	A1	20050224	US 2004-898916	20040726

PRIORITY APPLN. INFO.:

FR 1997-3528	A	19970324
FR 1997-7701	A	19970620
WO 1998-FR288	W	19980216

WO 1998-FR1250	W	19980615
US 1999-456205	A3	19991207
US 2001-882264	A2	20010615
US 1999-381749	A2	19990922
US 2002-191950	A3	20020709

OTHER SOURCE(S): MARPAT 138:337988
GI



I

AB Title compds., e.g., N-[4-[[[[4-(3,5-di-tert-butyl-4-hydroxyphenyl)-1,3-thiazol-2-yl]methyl]amino]methyl]phenyl]thiophene-2-carboximidamide (I) are prepared The compds. are inhibitors of NO synthases, and are also antioxidants which inhibit lipid peroxidn. Approx. 70 examples are prepared I had IC50 for inhibiting rat neuronal NO synthase in vitro < 3.5 μM, and the IC50 for inhibiting rat cerebral lipid peroxidn. in vitro is < 30 μM.

L11 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:805376 CAPLUS
DOCUMENT NUMBER: 138:238073
TITLE: Synthesis of 3-Ω-aminohydantoins
AUTHOR(S): Ryczek, Jozef
CORPORATE SOURCE: Department of Chemistry, Pedagogical University, Krakow, 30-084, Pol.
SOURCE: Journal of Heterocyclic Chemistry (2002), 39(5), 997-1000
CODEN: JHTCAD; ISSN: 0022-152X
PUBLISHER: HeteroCorporation
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:238073
AB Several 3-Ω-amino monosubstituted hydantoins have been obtained in the reaction of (isocyanato)acetic acid Et ester with the appropriate aliphatic or aromatic diamine. It was found, that the 3-(aminoaryl) monosubstituted hydantoins may be diazotized and their diazonium salts may be coupled and hydrolyzed without changes in the hydantoin ring. Compds. thus prepared included 3-[2-(dimethylamino)ethyl]-2,4-**imidazolidinedione** hydrochloride, 3-[2-(diethylamino)ethyl]-2,4-**imidazolidinedione** hydrochloride, 3-[3-(dimethylamino)propyl]-2,4-**imidazolidinedione** hydrochloride, 3-(**4-aminophenyl**)-2,4-**imidazolidinedione** hydrochloride, etc.
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

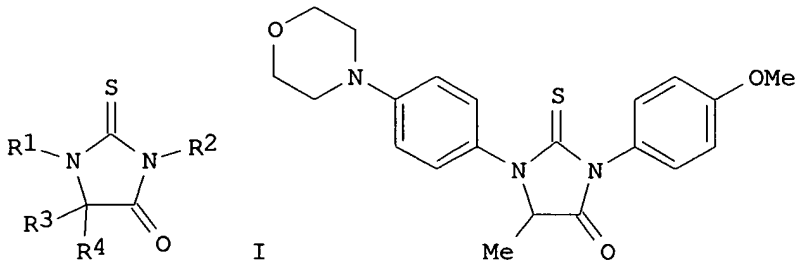
L11 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:793608 CAPLUS
DOCUMENT NUMBER: 137:310917
TITLE: Aromatic-substituted thiohydantoins, their preparation, and their use for treating diabetes, dyslipidemia, and obesity
INVENTOR(S): Boubia, Benaiessa; Chaput, Evelyne; Ou, Khan; Ratel, Philippe

PATENT ASSIGNEE(S): Laboratoires Fournier SA, Fr.
SOURCE: PCT Int. Appl., 111 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002081453	A1	20021017	WO 2002-FR1167	20020404
WO 2002081453	C1	20021114		
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
FR 2823209	A1	20021011	FR 2001-4552	20010404
FR 2823209	B1	20031212		
CA 2444024	AA	20021017	CA 2002-2444024	20020404
EP 1373219	A1	20040102	EP 2002-730333	20020404
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
EE 200300485	A	20040216	EE 2003-485	20020404
BR 2002007910	A	20040803	BR 2002-7910	20020404
JP 2004525175	T2	20040819	JP 2002-579441	20020404
ZA 2003007372	A	20040922	ZA 2003-7372	20030922
US 2004116417	A1	20040617	US 2003-473032	20030926
NO 2003004430	A	20031006	NO 2003-4430	20031003

PRIORITY APPLN. INFO.:	FR 2001-4552	A	20010404
	WO 2002-FR1167	W	20020404

OTHER SOURCE(S): MARPAT 137:310917
GI



AB The invention concerns compds. derived from 2-thiohydantoin, selected among compds. I [R1 = (un)substituted aromatic nucleus [substituents = halo, alkoxy, alkyl, alkylthio, NO2, CF3, OCF3, OCH2O, or (un)substituted (homo)(thio)morpholine, (homo)piperidine, (homo)piperazine, etc.]; R2 = H, alkyl or cycloalkyl [optionally interrupted by O atoms(s)], haloalkyl, alkenyl, alkynyl, hydroxyalkyl, aminoalkyl, cyanoalkyl, (un)substituted aromatic nucleus; R3 = H, alkyl; R4 = H, alkyl, OH; or R3R4 = CH2; provided that at least one of R1 and R2 is an aromatic nucleus bearing at least one (un)substituted (homo)(thio)morpholine, (homo)piperidine, (homo)piperazine, etc.] and their addition salts with acids, in particular their pharmaceutically acceptable salts. The invention also concerns methods for preparing I, pharmaceutical compns. containing them, and their use as

pharmacol. active substances, in particular for treating diabetes, diseases mediated by hyperglycemia, hypertriglyceridemia, dyslipidemia, or obesity. A total of 380 invention compds. and approx. 80 intermediates were prepared and characterized. When tested orally in mice at doses below 200 mg/kg, I reduced glucose levels by up to -73%, and reduced serum triglycerides by up to -56%, with favorable changes in lipid parameters (no specific data). For instance,4-(4-morpholinyl)aniline reacted with Et 2-bromopropionate and NaOAc in EtOH to give 69% N-[4-(4-morpholinyl)phenyl]-DL-alanine Et ester. Cyclocondensation of this amino ester with 4-(isothiocyanato)anisole in refluxing toluene in the presence of AcOH gave 82.5% title compound II.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:658739 CAPLUS

DOCUMENT NUMBER: 136:5946

TITLE: Optically active antifungal azoles. XIII. Synthesis of stereoisomers and metabolites of 1-[(1R,2R)-2-(2,4-difluorophenyl)-2-hydroxy-1-methyl-3-(1H-1,2,4-triazol-1-yl)propyl]-3-[4-(1H-1-tetrazolyl)phenyl]-2-imidazolidinone (TAK-456)

AUTHOR(S): Ichikawa, Takashi; Yamada, Masami; Yamaguchi, Masashi; Kitazaki, Tomoyuki; Matsushita, Yoshihiro; Higashikawa, Keiko; Itoh, Katsumi

CORPORATE SOURCE: Medicinal Chemistry Research Laboratories I, Pharmaceutical Research Division, Takeda Chemical Industries, Ltd., Osaka, 532-8686, Japan

SOURCE: Chemical & Pharmaceutical Bulletin (2001), 49(9), 1110-1119
CODEN: CPBTAL; ISSN: 0009-2363

PUBLISHER: Pharmaceutical Society of Japan

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 136:5946

AB The title imidazolidinone (I) is a new antifungal agent selected as a candidate for clin. trials. The three stereoisomers (1S,2R)-I, (1S,2S)-I and (1R,2S)-I were prepared as authentic samples to determine the enantiomeric and diastereomeric purity of I as well as to compare their in vitro antifungal activity. Pharmacokinetic studies of I using rats identified the existence of metabolites in the liver homogenate. The structures of the major metabolites were assigned as C-4 hydroxylated and/or C-5 hydroxylated 2-imidazolidinone derivs. based on HPLC and LC/MS/MS analyses. These hydroxylated compds. were prepared by reduction of the corresponding imidazolidinediones and confirmed to be identical to the metabolites by HPLC. In vitro antifungal activities of the three stereoisomers and the synthesized metabolites were considerably weaker than I.

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:137271 CAPLUS

DOCUMENT NUMBER: 132:194378

TITLE: Preparation of intermediates for triazole-containing imidazolone or imidazolidinone fungicides

INVENTOR(S): Ito, Katsuki; Kitazaki, Tomoyuki; Matsushita, Yoshihiro; Hosono, Hiroshi; Mitsudera, Hiroyuki

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 39 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000063364	A2	20000229	JP 1998-228003	19980812

PRIORITY APPLN. INFO.: JP 1998-228003 19980812
OTHER SOURCE(S): CASREACT 132:194378; MARPAT 132:194378
AB ZCH2CAr(OH)CHR1N(CH2R3)CONHR2 [I; Z = 1H-1,2,4-triazol-1-yl; Ar = (substituted) Ph; R1 = H, lower alkyl; R2 = (substituted) hydrocarbyl, (substituted) aromatic heterocyclyl; R3 = CH2Y, (protected) CHO; Y = OH, halo], ZCH2CAr(OH)CHR1NRCH2R3' [II; Z, Ar, R1 = same as I; R = H, (substituted) benzyl; R3' = CH2OH, (protected) CHO], their salts, and their preparation methods are claimed. I are converted into imidazolones by cyclization. (2R,3S)-2-(2,4-difluorophenyl)-3-methyl-2-(1H-1,2,4-triazol-1-yl)methyloxirane was treated with 2,2-diethoxyethylamine and (i-PrO)4Ti in PrOH under reflux for 24 h to give 73% (R,R)-II [Ar = 2,4-difluorophenyl, R1 = Me, R = H, R3' = CH(OEt)2], which was amidated by Ph 4-(2,2,3,3-tetrafluoropropoxy)phenylcarbamate in EtOH under reflux for 18 h to give 69% (R,R)-I [Ar = 2,4-difluorophenyl, R1 = Me, R2 = C6H4OCH2CF2CHF2-p, R3 = CH(OEt)2].

L11 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1995:516695 CAPLUS
DOCUMENT NUMBER: 122:315240
TITLE: Synthesis and characterization of soluble aromatic polyurea-amides from new N,N'-dimethyl-N,N'-bis(aminophenyl)ureas and aromatic dicarboxylic acid chlorides
AUTHOR(S): Park, Ki Hong; Tani, Takashi; Kakimoto, Masa-aki; Imai, Yoshio
CORPORATE SOURCE: Dep. Org. Polymeric Materials, Tokyo Inst. Technology, Tokyo, 152, Japan
SOURCE: Journal of Polymer Science, Part A: Polymer Chemistry (1995), 33(7), 1039-46
CODEN: JPACEC; ISSN: 0887-624X
PUBLISHER: Wiley
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Aromatic polyurea-polyamides having inherent viscosity 0.36-0.67 dL/g were prepared by low temperature solution polycondensation of N,N'-dimethyl-N,N'-bis(aminophenyl)ureas with various aromatic dicarboxylic acid chlorides. All the polymers were amorphous, and most were soluble in organic solvents such as N-methyl-2-pyrrolidone, AcNMe2, m-cresol, and pyridine. Some of the polymers could be solution cast into transparent, flexible films having good tensile properties. The Tg of the polyurea-polyamides were 244-272°C. The temperature of 10% weight loss under N was 430-480°.

L11 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1993:604136 CAPLUS
DOCUMENT NUMBER: 119:204136
TITLE: Polyimides containing cyclic urea groups
INVENTOR(S): Wolf, Peter; Kraeh, Claudia
PATENT ASSIGNEE(S): BASF A.-G., Germany
SOURCE: Ger. Offen., 6 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

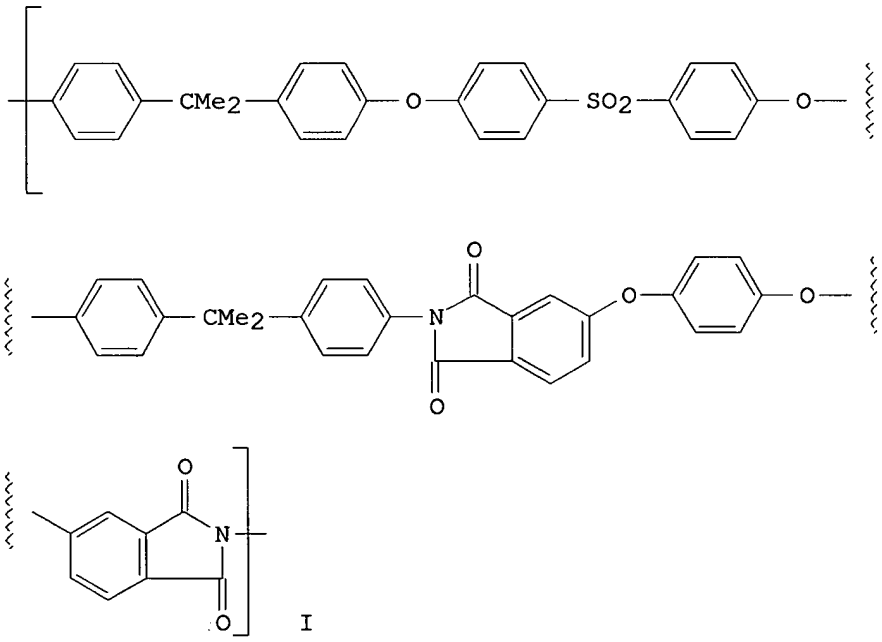
DE 4123245 A1 19930114 DE 1991-4123245 19910713
PRIORITY APPLN. INFO.: DE 1991-4123245 19910713

AB The title polyimides, with specified structures and good thermal stability, are prepared by polymerization of tetracarboxylic dianhydrides with aromatic diamines in aprotic, dipolar solvents followed by cyclization of the prepolymer. Adding 50 mmol 4,4'-oxydiphthalic anhydride to 50 mmol N,N'-bis(**4-aminophenyl**)2-**imidazolidinone** in 150 mL N-methylpyrrolidone with cooling, stirring for 5 h at room temperature, and dehydrating the polymer with Ac2O-pyridine at 70° gave a polyurea-polyimide with weight loss at 520° (TGA) 10%.

L11 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1989:497930 CAPLUS
DOCUMENT NUMBER: 111:97930
TITLE: Heat-resistant polyimide-polyether-polysulfones
INVENTOR(S): Oikawa, Hideaki; Kawashima, Saburo; Tamai, Masaji; Ota, Masahiro; Yamaguchi, Teruhiro
PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01011131	A2	19890113	JP 1987-166915	19870706

PRIORITY APPLN. INFO.: JP 1987-166915 19870706
GI



I

AB The title polyimides I with improved adhesion are prepared Thus, 65 g 4-chlorophenyl sulfone and 110 g 2-(**4-aminophenyl**)-2-(4-hydroxyphenyl)propane were polymerized in 1,3-dimethyl-2-**imidazolidinone** in the presence of K2CO3 then 66.885 g the polymer

was polymerized with 39.829 g 4,4'-(p-phenylenedioxy)diphthalic dianhydride in AcONMe2 to give a polyamic acid solution Then, the solution was cast on a glass plate and treated at 100-250° for 3 h to give a film having glass transition temperature 220° and 5% degradation temperature 547°, which was sandwiched with steel plates and pressed at 300° for 3 min to show tensile shear adhesion strength 320 kg/cm2.

L11 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1989:458878 CAPLUS
DOCUMENT NUMBER: 111:58878
TITLE: Polyimides and high-temperature adhesives thereof
INVENTOR(S): Tamai, Shoji; Ohta, Masahiro; Kawashima, Saburo; Iiyama, Katsuaki; Oikawa, Hideaki; Yamaguchi, Akihiro
PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Japan
SOURCE: Eur. Pat. Appl., 14 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 297808	A1	19890104	EP 1988-305831	19880627
EP 297808	B1	19911211		
R: CH, DE, FR, GB, IT, LI, NL				
JP 01009226	A2	19890112	JP 1987-163940	19870702
JP 2535545	B2	19960918		
JP 01009227	A2	19890112	JP 1987-163941	19870702
US 4931531	A	19900605	US 1988-210789	19880624
AU 8818565	A1	19890105	AU 1988-18565	19880630
AU 586955	B2	19890727		
PRIORITY APPLN. INFO.:			JP 1987-163940 A	19870702
			JP 1987-163941 A	19870702

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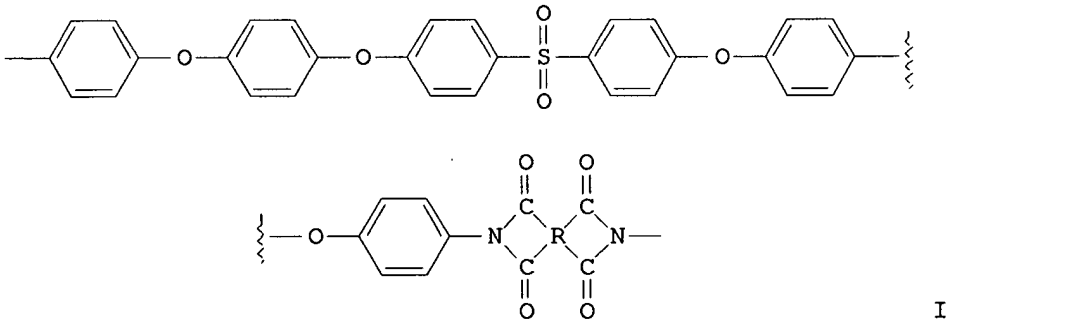


I

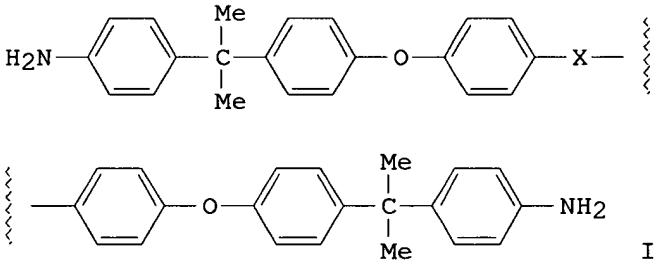
AB Title polyimides with good chemical resistance are prepared from polyimides consisting of repeating units of I (R = tetravalent radical). Thus, a mixture of bis[4-[4-(4-aminophenoxy)phenoxy]phenyl] sulfone (II) [prepared from 0.75 mol **4-aminophenyl** 4-hydroxyphenyl ether and 0.357 mol bis(4-chlorophenyl) sulfone with KOH, PhMe, and 1,3-dimethyl-2-**imidazolidinone**] 6.167, N,N-dimethylacetamide 47.3, and pyromellitic dianhydride 2.18 g was stirred for 20 h at room temperature in N to give a polymeric solution A film (prepared by casting the solution in a glass

plate having thickness 35-μm, tensile strength 14.2 kg/mm2, elongation 19.6%, and glass transition temperature 290°) was used to laminate 2-ply steel at 350° for 5 min to give a sample having shear strength 230 kg/mm2 at room temperature and 200 kg/mm3 at 250°.

L11 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1989:76324 CAPLUS
DOCUMENT NUMBER: 110:76324
TITLE: Polyimides, their preparation, high temperature-resistant adhesives based on these polyimides, and bonding method using these adhesives
PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Japan
SOURCE: Neth. Appl., 18 pp.
CODEN: NAXXAN
DOCUMENT TYPE: Patent
LANGUAGE: Dutch
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 8700005	A	19880801	NL 1987-5	19870106
PRIORITY APPLN. INFO.:			NL 1987-5	19870106

GI



I

AB The title polyimides are prepared by reacting a diamine I with a tetracarboxylic dianhydride in an organic solvent. Adhesives based on the polyimides are applied to a substrate, covered with an untreated surface of another substrate, and the assembly heated under pressure to a temperature above the glass transition temperature (Tg) of the polyimide to achieve bonding.

These compns. have excellent adhesive strength and stability at high temps. for long durations. A mixture of 4,4'-dichlorobenzophenone 57, 2-(4-hydroxyphenyl)-2-(**4-aminophenyl**)propane 110, 96% KOH 29.2 g, and 750 mL 1,3-dimethyl-2-**imidazolidinone** was heated at 160° for 8 h, cooled, filtered, and stripped of solvent. The residue was cooled, and 57 g of 35% HCl and 500 mL iso-PrOH were added and dissolved under heating, after which 50 g NaCl was added, and the mixture was cooled to sep. the crystals. The crystals were redissolved in 350 mL of 50% iso-PrOH under heating, 35 g NaCl was added, and the resulting crystals were filtered, neutralized with aqueous NaH4OH, water-washed, and dried to give 101.5 g of white, crystalline 99%-pure 4,4'-bis[4-(4-amino-α,α-dimethylbenzyl)phenoxy]benzophenone (II). A mixture of II 31.6, AcNMe2 127.5, and pyromellitic dianhydride 10.9 g (added gradually) was reacted <30° under N for 20 h to give a polyamic acid having inherent viscosity 1.43 dL/g (35° in 0.5% AcNMe2). Films of the imide had Tg 219°. A film of the polymer was placed between cold-rolled steel plates, preheated to 130°, and the assembly heated at 340° and 20 kg/cm2 for 5 min to give a laminate having shear strength 240 and 140 kg/cm2 at room temperature and 240°, resp.

L11 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1987:176951 CAPLUS
DOCUMENT NUMBER: 106:176951
TITLE: Strictly alternating copolymers containing parabanic acid and amide or imide moieties
AUTHOR(S): Bennett, Cynthia; Heitz, Walter
CORPORATE SOURCE: Fachber. Phys. Chem., Philipps-Univ. Marburg, Marburg, D-3550, Fed. Rep. Ger.
SOURCE: Makromolekulare Chemie (1987), 188(3), 475-93
CODEN: MACEAK; ISSN: 0025-116X
DOCUMENT TYPE: Journal
LANGUAGE: English

AB 1,3-Bis(**4-aminophenyl**)**imidazolidinetrione** dihydrochloride (I) [107701-60-0] was synthesized and used as starting material for the synthesis of strictly alternating copolymers with diacid chlorides. Fully aromatic copolymers containing parabanic acid and amide moieties exhibited high glass temps. and good thermal stability. Meltable copolymers with parabanic acid and amide moieties could be obtained by introducing flexible aliphatic spacers. The use of an unusually short, but sym. branched spacer was particularly effective. A strictly alternating, thermally stable polyimide [107982-10-5] was synthesized from I and pyromellitic dianhydride [89-32-7]. By using a trimethylsilyl ester, the imidization temperature could be lowered by 100°.

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	48.77	151.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-10.95	-10.95

STN INTERNATIONAL LOGOFF AT 19:06:42 ON 24 MAY 2005

5/24/05 10/668,920

* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 19:46:42 ON 24 MAY 2005

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	0.84

FILE 'REGISTRY' ENTERED AT 19:49:18 ON 24 MAY 2005
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STRUCTURE FILE UPDATES: 23 MAY 2005 HIGHEST RN 850992-92-6
DICTIONARY FILE UPDATES: 23 MAY 2005 HIGHEST RN 850992-92-6

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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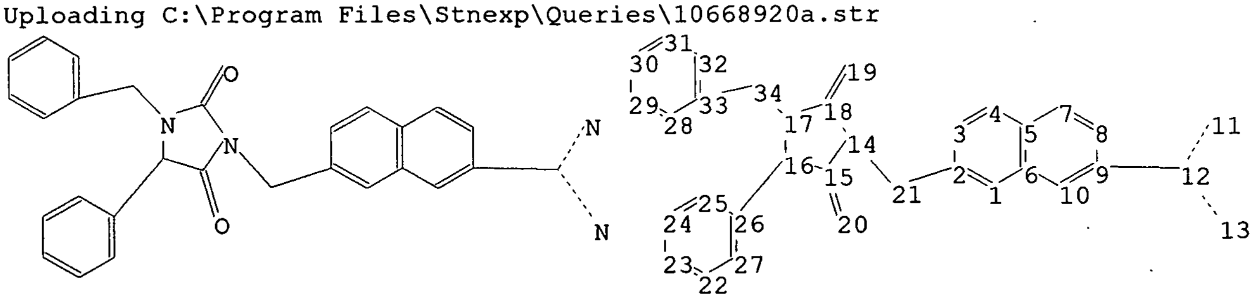
****
*   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now   *
* available and contains the CA role and document type information. *
*   *
****

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10668920a.str



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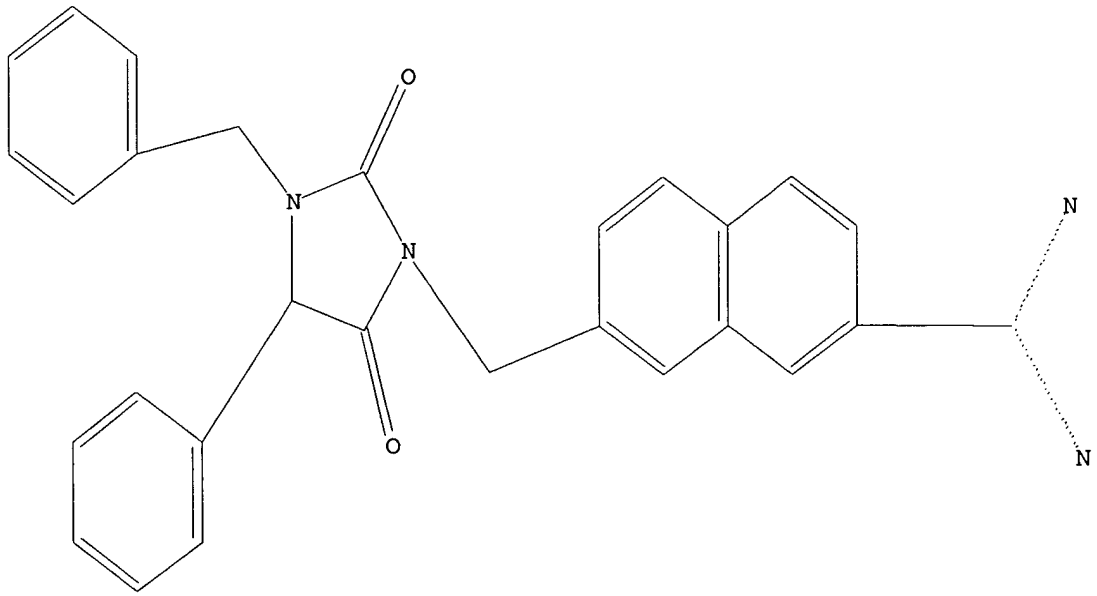
ring nodes :
1 2 3 4 5 6 7 8 9 10 14 15 16 17 18 22 23 24 25 26 27 28 29
30 31 32 33
chain bonds :
2-21 9-12 11-12 12-13 14-21 15-20 16-26 17-34 18-19 33-34
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 14-15 14-18 15-16 16-17
17-18 22-23 22-27 23-24 24-25 25-26 26-27 28-29 28-33 29-30 30-31 31-32
32-33
exact/norm bonds :
11-12 12-13 14-15 14-18 14-21 15-16 15-20 16-17 17-18 17-34 18-19
exact bonds :
2-21 9-12 16-26 33-34
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 22-23 22-27 23-24 24-25
25-26 26-27 28-29 28-33 29-30 30-31 31-32 32-33

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 21:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L1
SAMPLE SEARCH INITIATED 19:49:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 10 TO ITERATE

100.0% PROCESSED 10 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 11 TO 389
PROJECTED ANSWERS: 4 TO 200

L2 4 SEA SSS SAM L1

=> s L1 full
FULL SEARCH INITIATED 19:49:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 203 TO ITERATE

100.0% PROCESSED 203 ITERATIONS 85 ANSWERS
SEARCH TIME: 00.00.01

L3 85 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 161.33 162.17

FILE 'CAPLUS' ENTERED AT 19:49:48 ON 24 MAY 2005
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FILE COVERS 1907 - 24 May 2005 VOL 142 ISS 22
FILE LAST UPDATED: 23 May 2005 (20050523/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L3
L4 2 L3

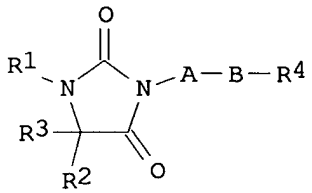
=> d L4 1-2 ibib abs hitstr

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:513339 CAPLUS
DOCUMENT NUMBER: 141:54344
TITLE: Preparation of imidazolidinediones as factor VIIa/tissue factor inhibitors for the treatment of thrombosis.
INVENTOR(S): Arnaiz, Damian O.; Chou, Yuo-Ling; Griedel, Brian D.; Mohan, Raju; Shaw, Kenneth J.

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany
SOURCE: U.S. Pat. Appl. Publ., 18 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2004122073	A1	20040624	US 2003-668920		20030923
PRIORITY APPLN. INFO.:			US 2002-413067P	P	20020924

OTHER SOURCE(S): MARPAT 141:54344
GI



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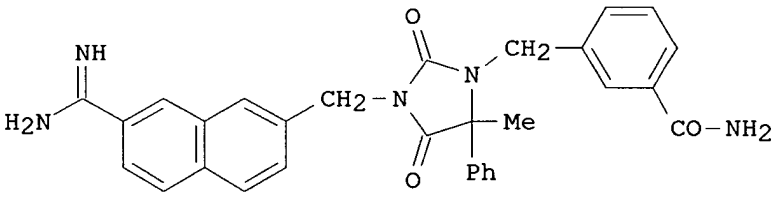

II

AB Tilte compds. I [R1 = alkyl, alkenyl, alkynyl, etc.; R2, R3 = alkyl, alkenyl, alkynyl, etc.; A = (un)subsituted alkylene, alkylidene, alkylidyne, etc.; B = aryl, heteroaryl; R4 = amidine, carboxyamidine, hydroxyamidine, etc.] and their pharmaceutically acceptable salts and formulations were prepared For example, imidazolidinedione II trifluoracetic acid salt was prepared from 5-methyl-5-phenylhydantoin in 3-steps. In factor VIIa/tissue factor inhibition assays, 90-examples of compds. I exhibited ki values of about 5μM or less (sic). Compds. I are claimed useful as anticoagulant and antithrombotic agents.

IT **708264-37-3P 708264-39-5P 708264-41-9P**
708264-43-1P 708264-49-7P 708264-51-1P
708264-61-3P 708264-63-5P 708264-65-7P
708264-71-5P 708264-73-7P 708264-75-9P
708264-79-3P 708264-81-7P 708264-83-9P
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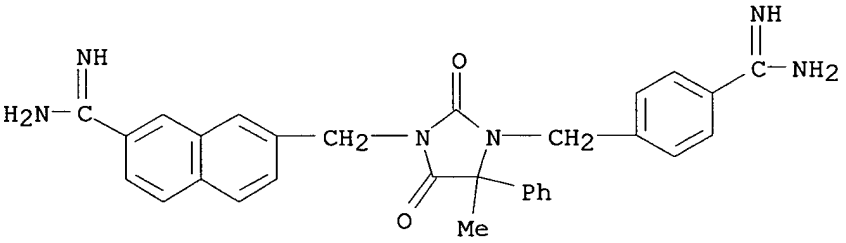
708265-65-0P 708265-67-2P 708265-69-4P
708265-73-0P 708265-75-2P 708265-81-0P
708265-83-2P 708265-91-2P 708265-95-6P
708265-97-8P 708265-99-0P 708266-01-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of imidazolidinediones as anticoagulant and antithrombotic agents.)

RN 708264-37-3 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[3-[[4-(aminoiminomethyl)phenyl]methyl]-4-methyl-2,5-dioxo-4-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

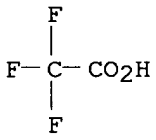
CM 1

CRN 708264-36-2
CMF C30 H28 N6 O2



CM 2

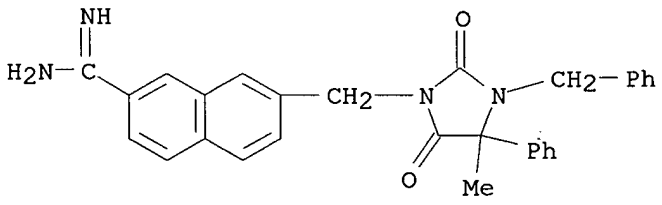
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-39-5 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-methyl-2,5-dioxo-4-phenyl-3-(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

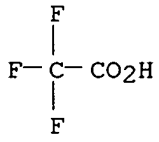
CM 1

CRN 708264-38-4
CMF C29 H26 N4 O2



CM 2

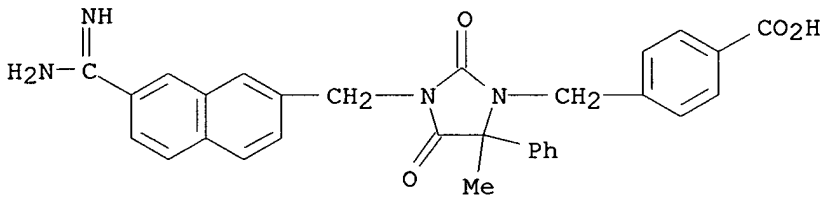
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-41-9 CAPLUS
CN Benzoic acid, 4-[[3-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-5-methyl-2,4-dioxo-5-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

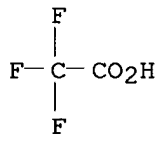
CM 1

CRN 708264-40-8
CMF C30 H26 N4 O4



CM 2

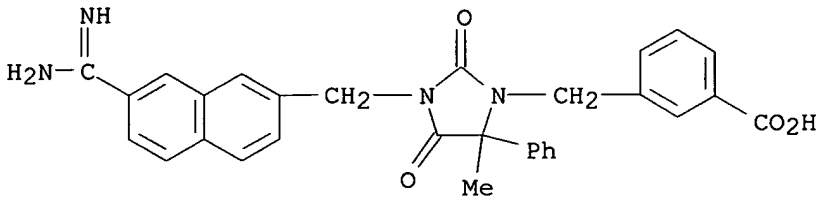
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-43-1 CAPLUS
CN Benzoic acid, 3-[[3-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-5-methyl-2,4-dioxo-5-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

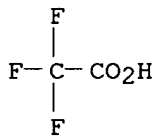
CM 1

CRN 708264-42-0
CMF C30 H26 N4 O4



CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 708264-49-7 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-methyl-3-[(3-nitrophenyl)methyl]-2,5-dioxo-4-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

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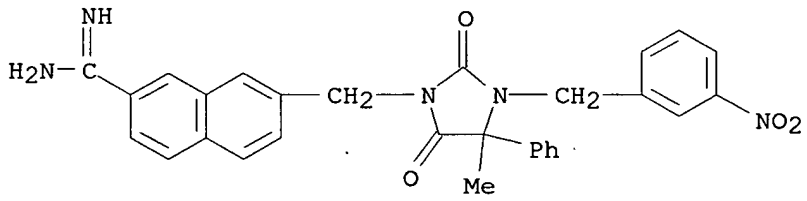
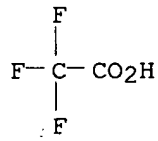
CRN 708264-48-6
CMF C29 H25 N5 O4



CM 2

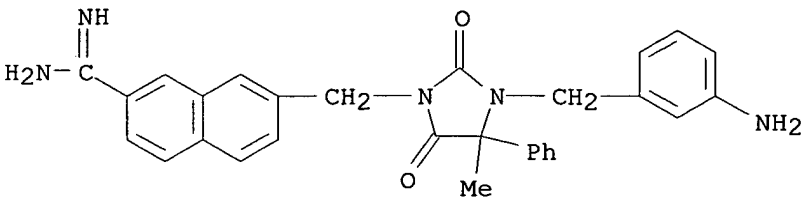
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-51-1 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[3-[(3-aminophenyl)methyl]-4-methyl-2,5-dioxo-4-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

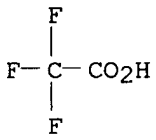
CM 1

CRN 708264-50-0
CMF C29 H27 N5 O2



CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 708264-61-3 CAPLUS
CN Benzoic acid, 3-[[3-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-5-methyl-2,4-dioxo-5-phenyl-1-imidazolidinyl]methyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

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CRN 708264-60-2
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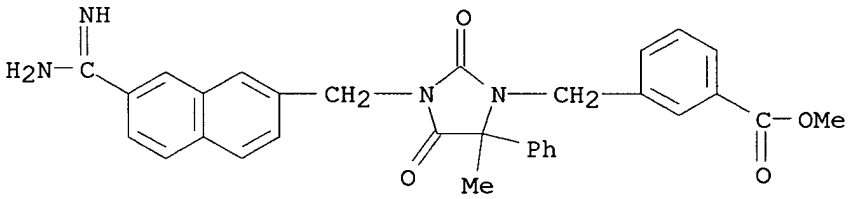
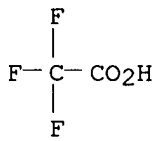


CM 2

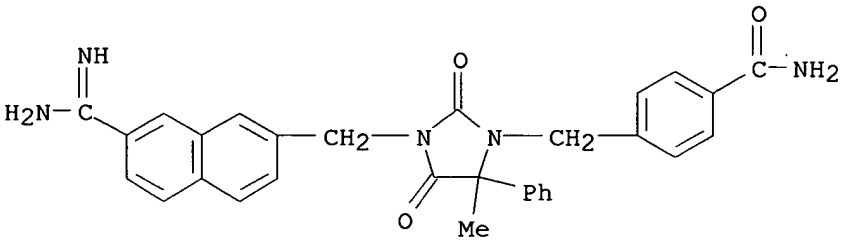
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-63-5 CAPLUS
CN Benzamide, 4-[[3-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-5-methyl-2,4-dioxo-5-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 708264-62-4
CMF C30 H27 N5 O3



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CRN 76-05-1
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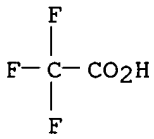

RN 708264-65-7 CAPLUS
CN Benzamide, 3-[[3-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-5-methyl-2,4-dioxo-5-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

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CRN 708264-64-6
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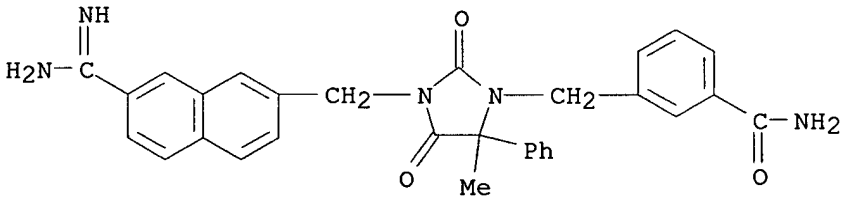

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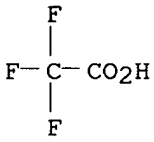
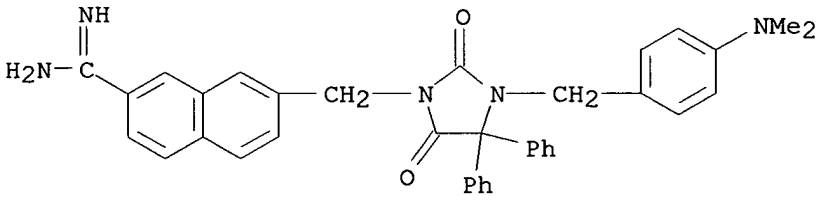
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-71-5 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[3-[[4-(dimethylamino)phenyl]methyl]-2,5-dioxo-4,4-diphenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

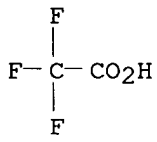
CM 1

CRN 708264-70-4
CMF C36 H33 N5 O2



CM 2

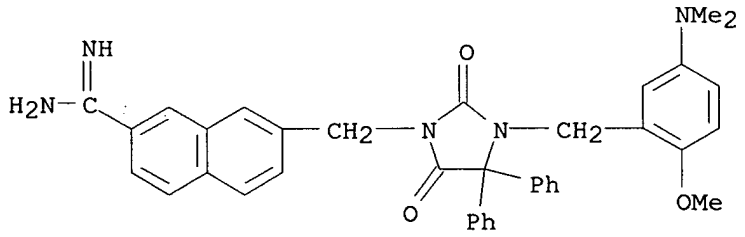
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-73-7 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[3-[[5-(dimethylamino)-2-methoxyphenyl]methyl]-2,5-dioxo-4,4-diphenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

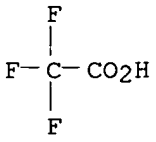
CM 1

CRN 708264-72-6
CMF C37 H35 N5 O3



CM 2

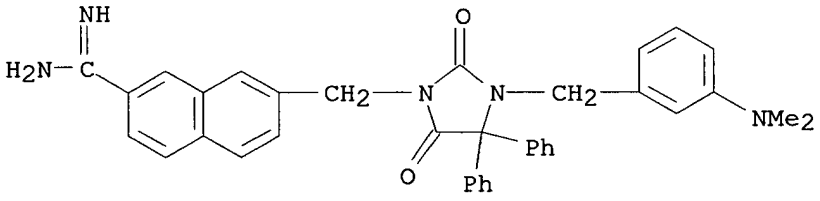
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-75-9 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[3-[[3-(dimethylamino)phenyl]methyl]-2,5-dioxo-4,4-diphenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

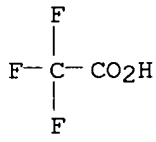
CM 1

CRN 708264-74-8
CMF C36 H33 N5 O2



CM 2

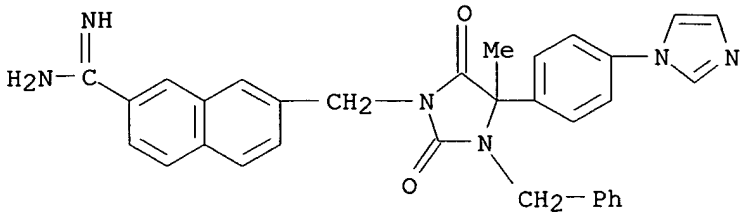
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-79-3 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-[4-(1H-imidazol-1-yl)phenyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

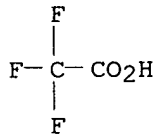
CM 1

CRN 708264-78-2
CMF C32 H28 N6 O2



CM 2

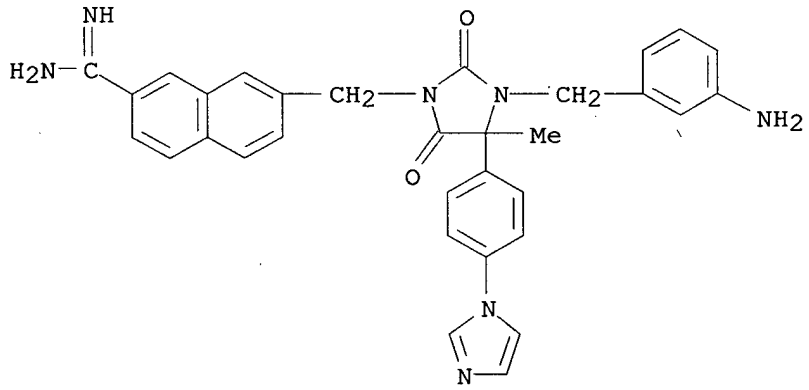
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-81-7 CAPLUS
CN 2-Naphthalenecarboxamidamide, 7-[[3-[(3-aminophenyl)methyl]-4-[4-(1H-imidazol-1-yl)phenyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

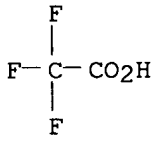
CM 1

CRN 708264-80-6
CMF C32 H29 N7 O2



CM 2

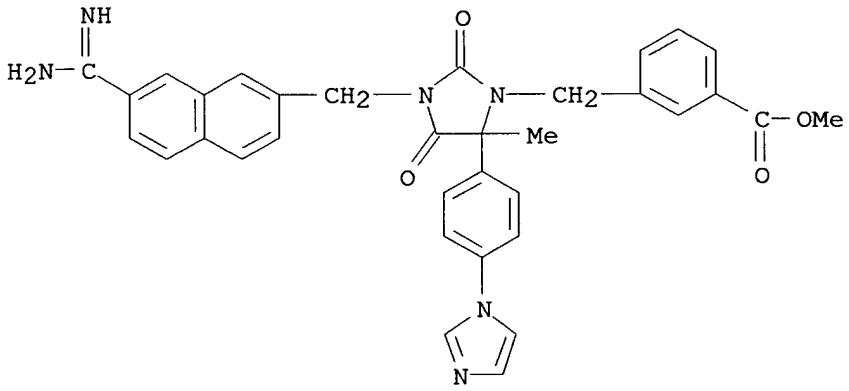
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-83-9 CAPLUS
CN Benzoic acid, 3-[[3-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-5-[4-(1H-imidazol-1-yl)phenyl]-5-methyl-2,4-dioxo-1-imidazolidinyl]methyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

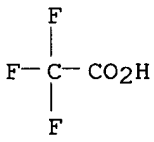
CM 1

CRN 708264-82-8
CMF C34 H30 N6 O4



CM 2

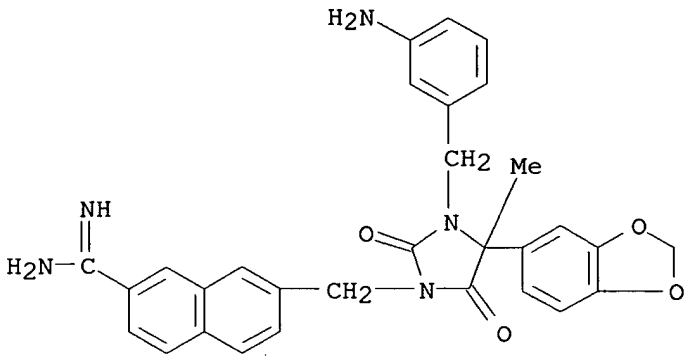
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-85-1 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[3-[(3-aminophenyl)methyl]-4-(1,3-benzodioxol-5-yl)-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

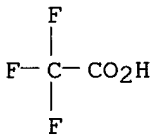
CM 1

CRN 708264-84-0
CMF C30 H27 N5 O4



CM 2

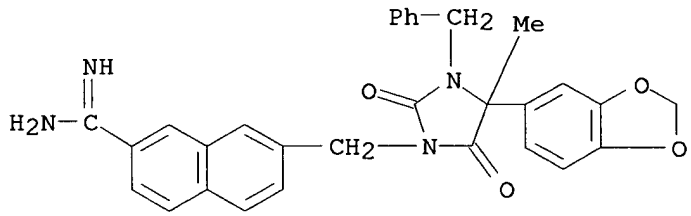
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-87-3 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-(1,3-benzodioxol-5-yl)-4-methyl-2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

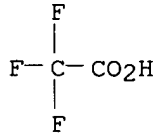
CM 1

CRN 708264-86-2
CMF C30 H26 N4 O4



CM 2

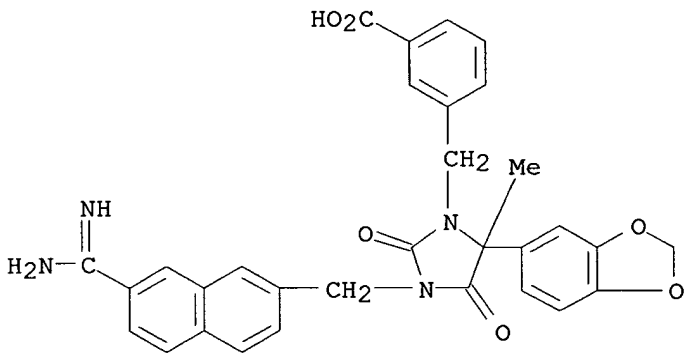
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-89-5 CAPLUS
CN Benzoic acid, 3-[[3-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-5-(1,3-benzodioxol-5-yl)-5-methyl-2,4-dioxo-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

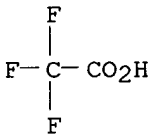
CM 1

CRN 708264-88-4
CMF C31 H26 N4 O6



CM 2

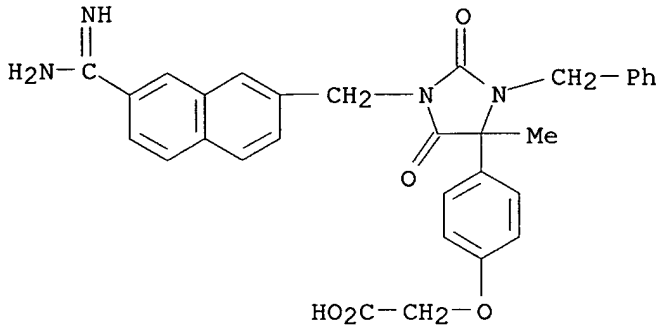
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-91-9 CAPLUS
CN Acetic acid, [4-[1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-4-imidazolidinyl]phenoxy]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

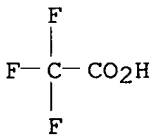
CM 1

CRN 708264-90-8
CMF C31 H28 N4 O5



CM 2

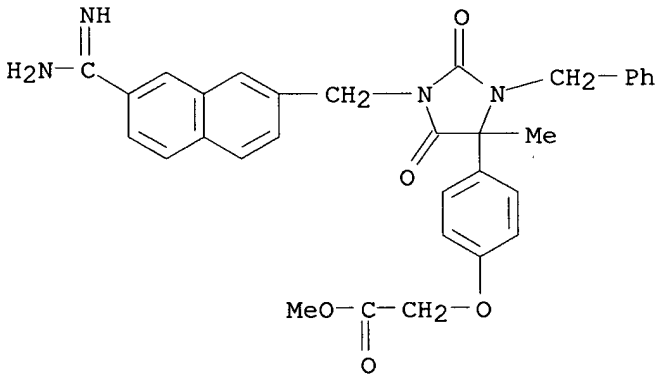
CRN 76-05-1
CMF C2 H F3 O2



RN 708264-93-1 CAPLUS
CN Acetic acid, [4-[1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-4-imidazolidinyl]phenoxy]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

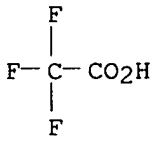
CM 1

CRN 708264-92-0
CMF C32 H30 N4 O5



CM 2

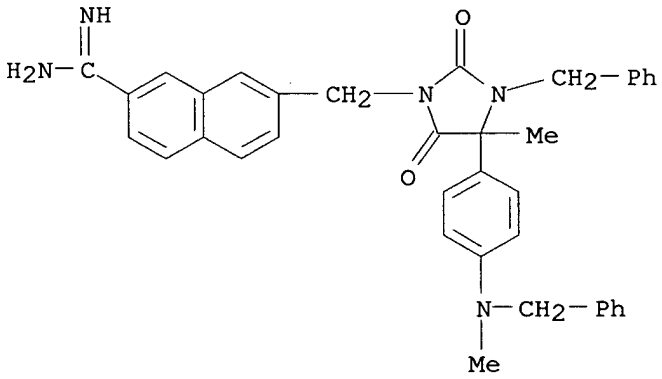
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-01-4 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-methyl-4-[4-[methyl(phenylmethyl)amino]phenyl]-2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

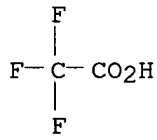
CM 1

CRN 708265-00-3
CMF C37 H35 N5 O2



CM 2

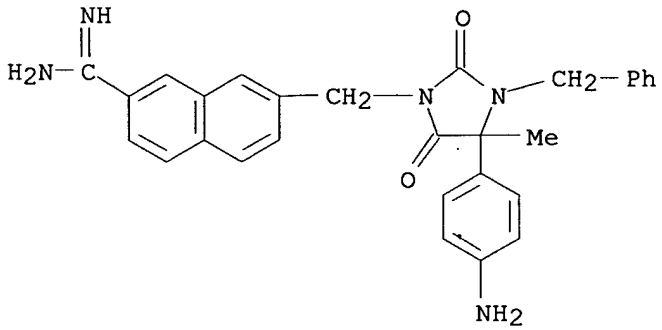
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-03-6 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-(4-aminophenyl)-4-methyl-2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

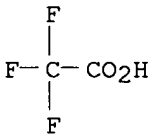
CM 1

CRN 708265-02-5
CMF C29 H27 N5 O2



CM 2

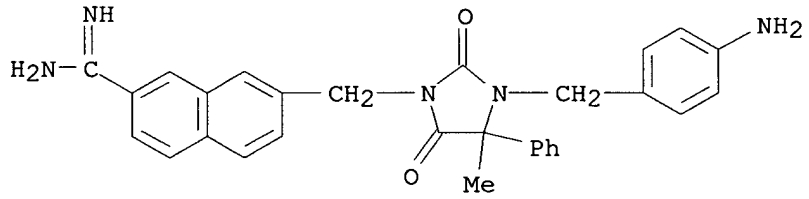
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-11-6 CAPLUS
CN 2-Naphthalenecarboxamidamide, 7-[[3-[(4-aminophenyl)methyl]-4-methyl-2,5-dioxo-4-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

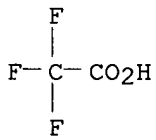
CM 1

CRN 708265-10-5
CMF C29 H27 N5 O2



CM 2

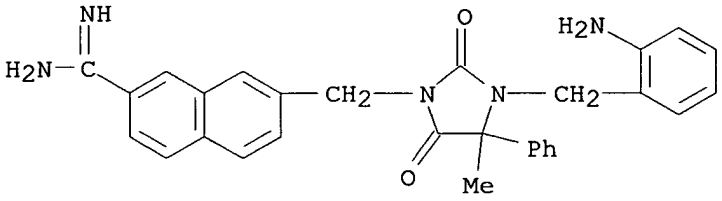
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-13-8 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[3-[(2-aminophenyl)methyl]-4-methyl-2,5-dioxo-4-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

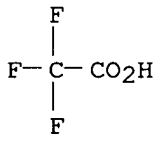
CM 1

CRN 708265-12-7
CMF C29 H27 N5 O2



CM 2

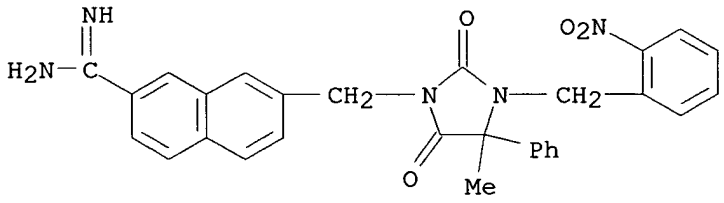
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-15-0 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-methyl-3-[(2-nitrophenyl)methyl]-2,5-dioxo-4-phenyl-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

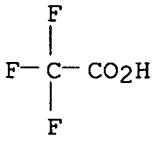
CM 1

CRN 708265-14-9
CMF C29 H25 N5 O4



CM 2

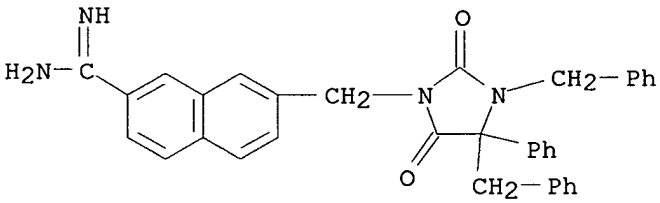
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-19-4 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[2,5-dioxo-4-phenyl-3,4-bis(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

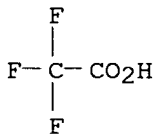
CM 1

CRN 708265-18-3
CMF C35 H30 N4 O2



CM 2

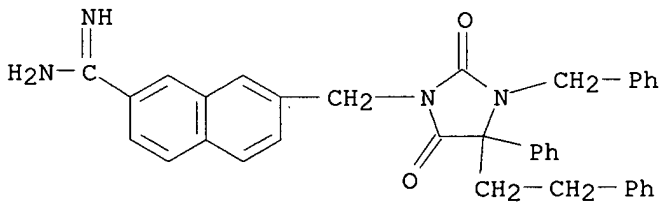
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-21-8 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[2,5-dioxo-4-phenyl-4-(2-phenylethyl)-3-(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

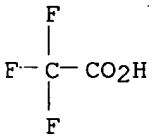
CM 1

CRN 708265-20-7
CMF C36 H32 N4 O2



CM 2

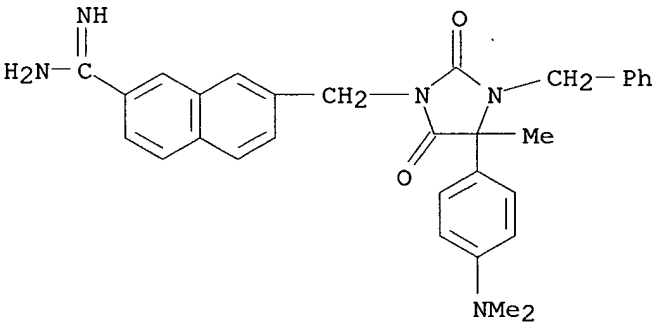
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-25-2 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-[4-(dimethylamino)phenyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

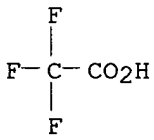
CM 1

CRN 708265-24-1
CMF C31 H31 N5 O2



CM 2

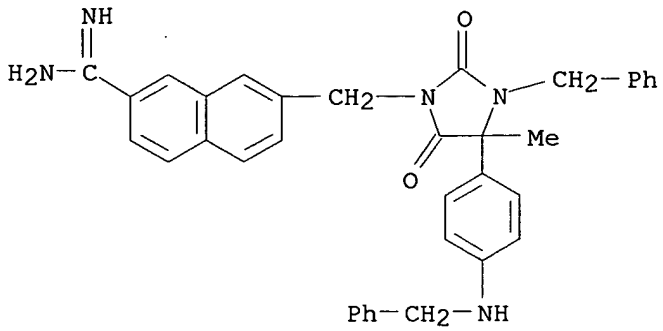
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-27-4 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-methyl-2,5-dioxo-3-(phenylmethyl)-4-[4-[(phenylmethyl)amino]phenyl]-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

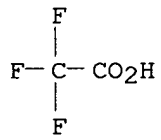
CM 1

CRN 708265-26-3
CMF C36 H33 N5 O2



CM 2

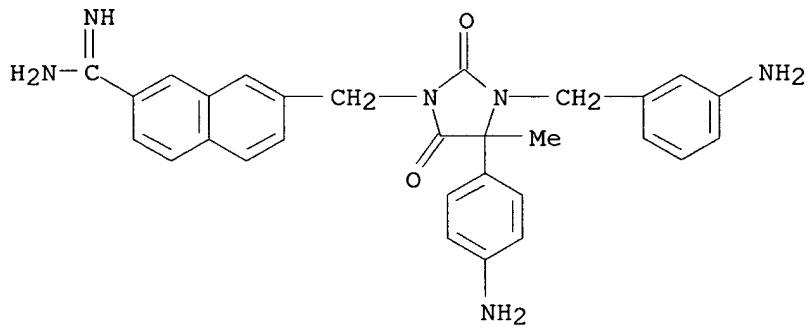
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-29-6 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-(4-aminophenyl)-3-[(3-aminophenyl)methyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

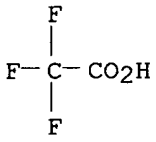
CM 1

CRN 708265-28-5
CMF C29 H28 N6 O2



CM 2

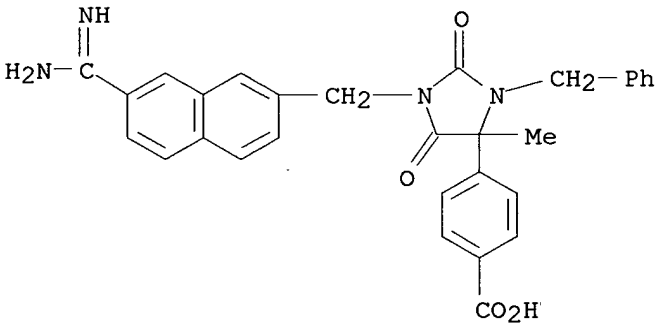
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-65-0 CAPLUS
CN Benzoic acid, 4-[1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-4-imidazolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

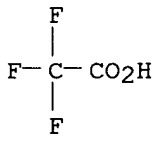
CM 1

CRN 708265-64-9
CMF C30 H26 N4 O4



CM 2

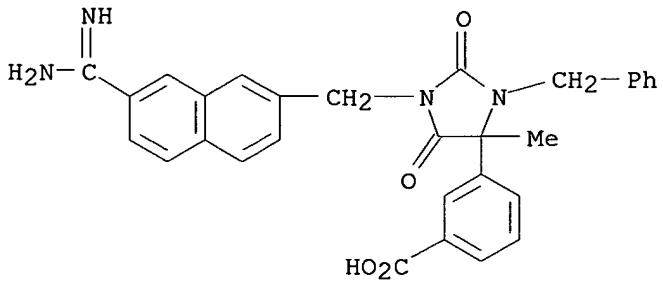
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-67-2 CAPLUS
CN Benzoic acid, 3-[1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-4-imidazolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

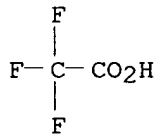
CM 1

CRN 708265-66-1
CMF C30 H26 N4 O4



CM 2

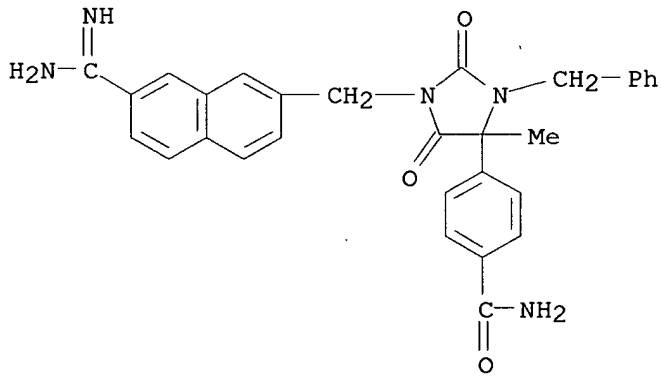
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-69-4 CAPLUS
CN Benzamide, 4-[1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-4-imidazolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

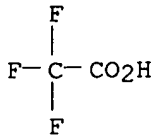
CM 1

CRN 708265-68-3
CMF C30 H27 N5 O3



CM 2

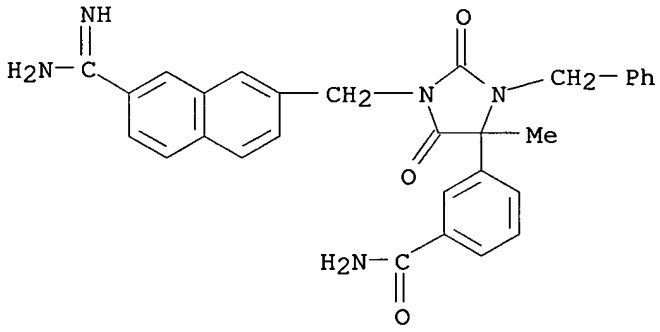
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-73-0 CAPLUS
CN Benzamide, 3-[1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-4-imidazolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

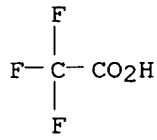
CM 1

CRN 708265-72-9
CMF C30 H27 N5 O3



CM 2

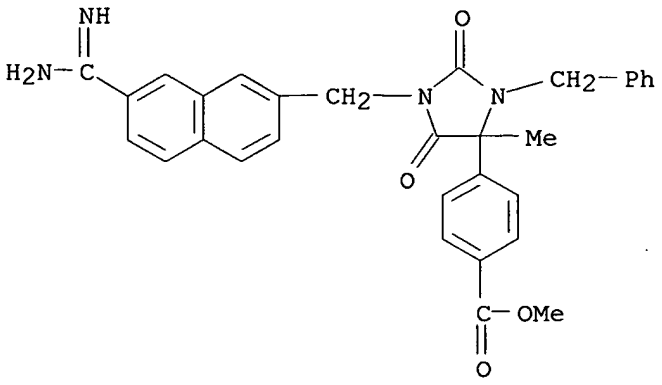
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-75-2 CAPLUS
CN Benzoic acid, 4-[1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-4-methyl-2,5-dioxo-3-(phenylmethyl)-4-imidazolidinyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

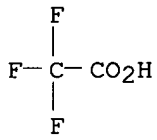
CM 1

CRN 708265-74-1
CMF C31 H28 N4 O4



CM 2

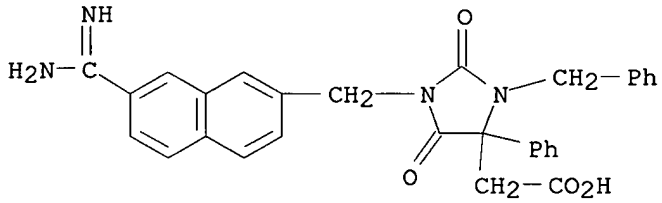
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-81-0 CAPLUS
CN 4-Imidazolidineacetic acid, 1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-2,5-dioxo-4-phenyl-3-(phenylmethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

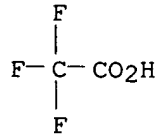
CM 1

CRN 708265-80-9
CMF C30 H26 N4 O4



CM 2

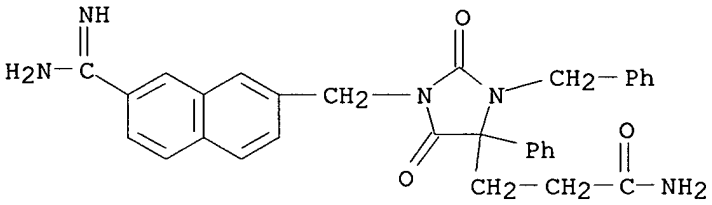
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-83-2 CAPLUS
CN 4-Imidazolidinepropanamide, 1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-2,5-dioxo-4-phenyl-3-(phenylmethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

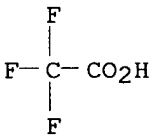
CM 1

CRN 708265-82-1
CMF C31 H29 N5 O3



CM 2

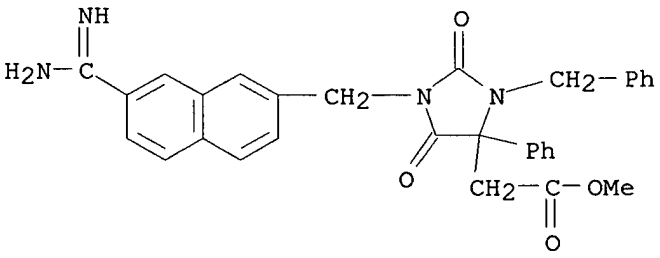
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-91-2 CAPLUS
CN 4-Imidazolidineacetic acid, 1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-2,5-dioxo-4-phenyl-3-(phenylmethyl)-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

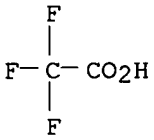
CM 1

CRN 708265-90-1
CMF C31 H28 N4 O4



CM 2

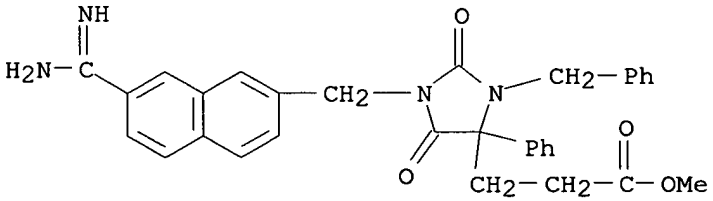
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-95-6 CAPLUS
CN 4-Imidazolidinepropanoic acid, 1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-2,5-dioxo-4-phenyl-3-(phenylmethyl)-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

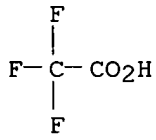
CM 1

CRN 708265-94-5
CMF C32 H30 N4 O4



CM 2

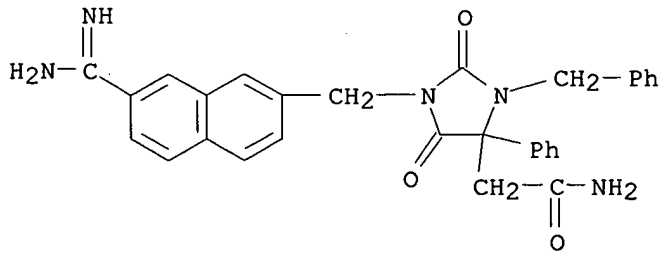
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-97-8 CAPLUS
CN 4-Imidazolidineacetamide, 1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-2,5-dioxo-4-phenyl-3-(phenylmethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

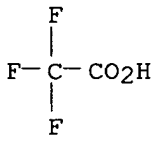
CM 1

CRN 708265-96-7
CMF C30 H27 N5 O3



CM 2

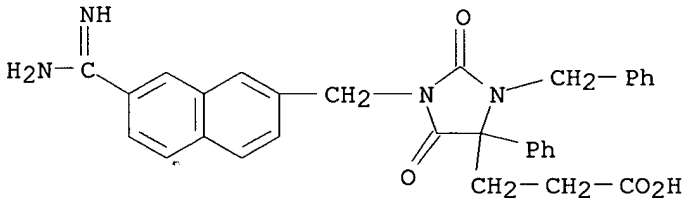
CRN 76-05-1
CMF C2 H F3 O2



RN 708265-99-0 CAPLUS
CN 4-Imidazolidinepropanoic acid, 1-[[7-(aminoiminomethyl)-2-naphthalenyl]methyl]-2,5-dioxo-4-phenyl-3-(phenylmethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

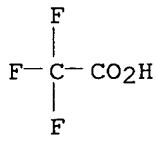
CM 1

CRN 708265-98-9
CMF C31 H28 N4 O4



CM 2

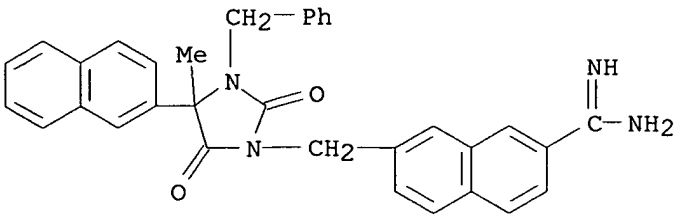
CRN 76-05-1
CMF C2 H F3 O2



RN 708266-01-7 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[[4-methyl-4-(2-naphthalenyl)-2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

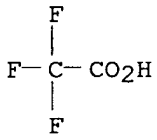
CM 1

CRN 708266-00-6
CMF C33 H28 N4 O2



CM 2

CRN 76-05-1
CMF C2 H F3 O2



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:869482 CAPLUS
DOCUMENT NUMBER: 137:365551
TITLE: Direct measurement of coagulation factor VIIa activity in plasma and application to screening of Factor VIIa inhibitors
INVENTOR(S): Chi, Liguo; Leadley, Robert Joseph, Jr.; Peng, Yun-Wen
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 14 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002168700	A1	20021114	US 2002-141396	20020508
US 6773896	B2	20040810		
EP 1260817	A2	20021127	EP 2002-9326	20020502
EP 1260817	A3	20021218		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
CA 2385212	AA	20021108	CA 2002-2385212	20020506
JP 2002360297	A2	20021217	JP 2002-131432	20020507
PRIORITY APPLN. INFO.:			US 2001-289539P P	20010508

AB The present invention generally provides a method of measuring the biol. activity of coagulation factor VIIa (Factor VIIa). Specifically, the present invention provides a method for directly measuring the activity of Factor VIIa in a plasma sample. The method of the present invention includes the steps of combining a quantity of a plasma sample with acetonitrile, drying the plasma sample, and combining the dried plasma with a solution containing a buffer, Factor VIIa, and a detectable Factor VIIa substrate (preferably chromogenic substrate). More specifically, the present invention provides a method for utilizing Factor VIIa activity as a bio-marker to monitor Factor VIIa inhibition to screen compds. which are able to inhibit the biol. activity of Factor VIIa. Plasma concentration of

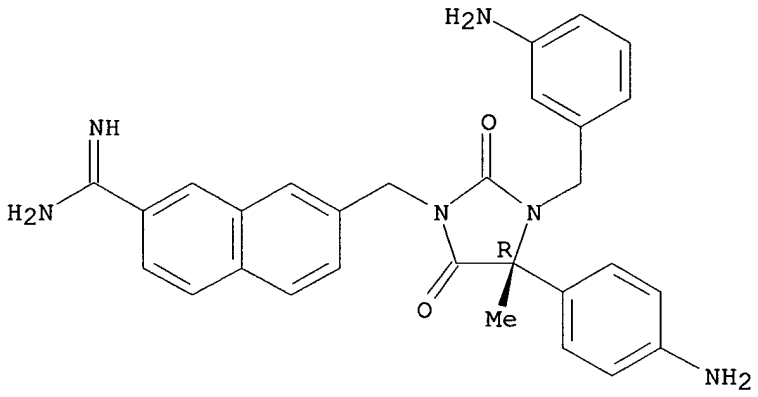
Factor VIIa inhibitors can be estimated based on the Factor VIIa assay of the invention in various concns. of plasma.

IT **475090-18-7**, PD 313049
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(Factor VIIa inhibitor; direct measurement of coagulation factor VIIa activity in plasma and application to screening of Factor VIIa inhibitors)

RN 475090-18-7 CAPLUS

CN 2-Naphthalenecarboximidamide, 7-[[(4R)-4-(4-aminophenyl)-3-[(3-aminophenyl)methyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.68	173.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-1.46

STN INTERNATIONAL LOGOFF AT 19:52:20 ON 24 MAY 2005